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Soldering & Rework Stations

DURATOOL



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Accessories & Consumables

multicomp



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Soldering Systems

OKI
OKI INTERNATIONAL™
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Soldering Stations & Accessories

Weller
COOPER Hand Tools



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Gas Soldering Irons

WP60K Gas Soldering Iron kit



- Ergonomic handle
- 3 functions: soldering, hot air and blow torch
- Approximately 1 hours operation on full reservoir
- Gas level sight glass
- 500°C when used as a soldering iron
- 650°C when used as a hot air blower
- 1300°C when used as a blow torch

WP60K Contents:

WP60 Gas soldering iron, 0.5mm soldering tip, hot blow nozzle, hot knife tip and protective cap

241274

	Mfrs. List No.	Order Code	1+	3+	6+	12+
WP60K Kit	0051608799	476-9521	51.51	49.96	48.47	47.01
Soldering Tips						
1.0mm Tapered	0051644399	412-2318	8.20	7.95	7.72	7.48
2.4mm Chisel	0051644499	412-2320	8.20	7.95	7.72	7.48

Gas Soldering Iron - 'Pyropen Junior'



- High quality miniature version of the pyropen
- Offers the same functions, soldering, blow torch and hot air torch, on a smaller scale
- Aluminium protective cap with pocket clip
- Temperature adjustable
- Operates on standard butane gas
- Supplied fitted with 0.5mm tapered needle soldering tip WPT-15

Length including cap=172

212690

	Mfrs. List No.	Order Code	1+	5+	10+	48+
Pyropen Junior Soldering Tips	0051607599	148-9543	57.79	56.06	54.37	52.74
0.5mm Tapered Needle	WPT15	418-780	8.96	8.69	8.43	8.18
2.5mm Screwdriver	WPT16	418-791	8.96	8.69	8.43	8.18
2mm Sloped Round	WPT17	418-808	8.96	8.69	8.43	8.18
Hot Blow Nozzles						
1.5mm	WHC54	418-810	11.31	--	--	--
4.9mm	WHC55	418-821	8.96	--	--	--

Gas Soldering Iron

Pyropen Junior, Self Igniting



- Self igniting butane gas operated soldering iron
- Adjustable gas flow gives equivalent 15W to 60W output
- Approximately 1 hours operation on full reservoir
- Heat up time is 30 seconds
- Can be fitted with hot blow nozzles
- Not supplied with gas

212572

	Mfrs. List No.	Order Code	1+	3+	6+	12+
Pyropen	WSTA6	559-799	58.63	56.87	55.16	53.51
Soldering Tips						
1.0mm Needle*	WPT01	559-805	9.03	8.76	8.50	8.24
2.4mm Chisel	WPT02	559-817	9.03	8.76	8.50	8.24
2.0mm Spade	WPT03	559-829	9.03	8.76	8.50	8.24
Hot Blow Nozzles						
1.5mm Dia.	WPT0150	559-842	9.03	8.76	8.50	8.24
4.7mm Dia.	WPT0152	559-854	9.03	8.76	8.50	8.24

*Fitted as standard

Coming soon



Register your interest for items that are 'Coming Soon' at www.farnell.co.uk and we'll email you to let you know that they're in stock.

Gas Soldering Iron

Pyropen Kit



Kit contents:

Butane powered soldering iron, gas refill canister, 3mm chisel soldering tip (Mfr's No. 0051612199) and an accessory pouch, containing blow torch ejector, hot blow nozzle and wrench.

- Supplied in a robust, hinged metal case, complete with a soldering iron support and a cleaning sponge
- Temperature range 300°C - 500°C
- May also be used as a blow torch, or hot blow gun
- Ignition from an external source
- Gas level indicator
- Approx. 3 hours operation from each fill
- Uses WPT series tips
- Uses WHC series hot blow nozzles

249484

	Mfrs. List No.	Order Code	1+	5+	10+
Pyropen Kit	0051606099	800-417	99.66	96.67	93.77

Gas Soldering Iron

Pyropen Peizo Kit - Self Igniting



Kit contents:

Self igniting butane powered soldering iron, 3mm chisel soldering tip (Mfr's No. 0051612199), hot blow nozzle (Mfr's No. 0051614299) and an accessory pouch, containing heat shrink kit, wrench and butane refill canister.

- Supplied in a robust, hinged metal case, complete with a soldering iron support and a cleaning sponge
- Temperature range 300°C - 500°C
- Functions as a soldering iron, or hot air blower
- Self igniting piezo ignition
- Gas level indicator
- Approx. 3 hours operation from each fill
- Uses WPT series tips
- Uses WHC series hot blow nozzles

249489

	Mfrs. List No.	Order Code	1+	5+	10+
Pyropen Kit	0051605999	434-3554	106.36	103.17	100.07

Pyropen Gas Soldering Iron Accessories



	Mfrs. List No.	Order Code	1+	25+	100+	200+
Soldering Tips						
Tapered needle	WPT1	418-869	8.71	8.45	8.20	7.95
3mm chisel	WPT2	418-870	8.71	8.45	8.20	7.95
2mm spade	WPT3	418-882	8.71	8.45	8.20	7.95
3mm 35° spade	WPT4	418-894	8.71	8.45	8.20	7.95
Offset tapered needle	WPT10	418-900	8.71	8.45	8.20	7.95
Hot Blow Nozzles						
1.59mm I.D.	WHC50	418-912	12.14			
4.9mm I.D.	WHC52	418-924	10.47			
Torch Ejector	WP71T	418-936	12.92			
Soldering Ejector	WP70S	418-948	12.92			
Spares						
Barrel assembly not self igniting model	WP72M	418-950	3.95			
Gas refill (75ml)	PGR1	418-961	3.43			
Piezo igniter	803U	971-613	11.49			

Gas Soldering Iron - 'Portasol'



148-636 L=175, Dia=19

148-710
Tip width = 1.0mm148-639
Tip width = 4.8mm148-638
Tip width = 3.2mm148-637
Tip width = 2.4mm

Note: For safety reasons the iron is supplied discharged of gas.

- Economical, pocket sized portable soldering iron
- Temperature variable up to 400°C
- Heat output equivalent to a 10 to 60W soldering iron



Gas Soldering Irons - continued

Gas Soldering Iron - 'Portasol' - continued

- Powered by standard butane lighter fuel
- One refill gives up to sixty minutes continuous use
- Safety gas cut off cap incorporating a flint lighter
- Tips incorporate a catalytic converter for flame-free general purpose soldering
- Unit is supplied with a 2.4mm tip, with a range of replacement tips available

FOR SUITABLE GAS SEE ORDER CODE 120-6547

222227

	Order Code	1+	5+	20+
Portasol iron	148-636	20.76	—	—
Replacement 1.0mm tip	148-710	6.57	5.66	4.98
Replacement 2.4mm tip*	148-637	5.88	5.34	4.88
Replacement 3.2mm tip	148-638	5.88	5.34	4.88
Replacement 4.8mm tip	148-639	5.76	5.19	4.56

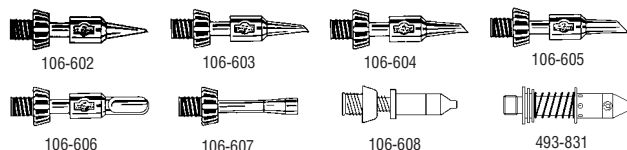
*fitted as standard

Gas Soldering Iron - 'Portasol Professional Kit'

portasol



Case H = 35, W = 230, D = 80



- Versatile, fully portable heat tool kit
- Runs off standard butane lighter fuel
- Single refill lasts up to 90 minutes
- Variable heat control
- Safety gas cut off cap with integral flint igniter
- Kit contains a pocket sized gas tool and four special purpose screw-in tips, gas tool stand and cleaning sponge, all housed in a tough polypropylene carry case

Standard Soldering Tip

- Output power 10-60W
- Catalytic convertor for flame free general purpose soldering

Hot knife tip

- Also contains catalytic convertor
- Ideal for use on plastics, nylon and synthetic materials

Hot blow tip

- Up to 400°C operating temperature
- Suitable for heat shrinking, defrosting and rapid drying over small areas
- Not supplied in kit

FOR SUITABLE GAS SEE ORDER CODE 120-6547

Note: Professional tips are not interchangeable with other models.

222206

	Order Code	1+	5+
Portasol professional kit	106-601	41.60	—
Replacement tips			
1.0mm	106-602	7.04	6.06
2.4mm▼	106-603	7.04	6.06
3.2mm	106-604	6.90	5.94
4.8mm▼	106-605	6.90	5.94
Hot knife▼	106-606	6.35	5.46
Hot blow	106-608	5.38	4.70

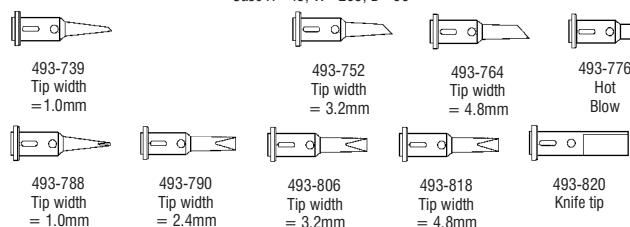
▼ Supplied with kit

Gas Soldering Iron 'SuperPro'

portasol



Case H=45, W=295, D=90



- High performance fully portable heat tool
- Power output of 25 to 125W
- Medium to heavy duty soldering applications
- Maximum tip temperature of 580°C
- Blow torch with maximum temperature output of 1200°C
- Ideal for heat shrinking, defrosting and rapid drying over small areas
- Use of knife tip allows unit to be used as versatile cutting tool
- Tip design encloses and protects catalytic converter from damage
- For user convenience includes a piezo ignition system
- Stainless steel reservoir holds sufficient gas for 2 hours continuous use on mid setting

Kit Contains: 1 iron, 1 soldering tip, 1 hot air tip, 1 Knife tip and a sponge tray.

FOR SUITABLE GAS SEE ORDER CODE 120-6547

231492

	Order Code	1+	5+	20+
SuperPro Kit	493-715	59.09	56.15	51.52
SuperPro Iron	493-727	38.20	36.30	33.30
Replacement Tips				
Chisel 1.0mm tip	493-739	8.45	8.01	7.35
Chisel 3.2mm tip	493-752	8.45	8.01	7.35
Chisel 4.8mm tip	493-764	5.42	5.14	4.72
Hot Blow tip ▼	493-776	5.42	5.14	4.72
Screwdriver 1.0mm tip	493-788	8.45	8.01	7.35
Screwdriver 2.4mm tip ▼*	493-790	8.45	8.01	7.35
Screwdriver 3.2mm tip	493-806	5.42	5.14	4.72
Screwdriver 4.8mm tip ▼	493-818	5.42	5.14	4.72
Knife tip ▼	493-820	5.42	5.14	4.72

▼ Supplied with kit
* Fitted as standard

Note: For safety reasons the iron is supplied discharged of gas

Gascat 40 Gas Soldering Iron

ANTEX



- Butane gas powered soldering iron, with fitted soldering tip
- Equivalent to a 40W electric soldering iron
- Flintwheel ignition located in cap
- Fixed temperature unit for soldering applications only

Kit Contains: Iron fitted with soldering tip, 2 spare soldering tips, sponge and tray.

247906

	Mftrs. List No.	Order Code	1+	10+	50+
Iron	XG04020	430-7148	10.21	9.90	9.12
Iron Kit	XG040KT	430-7150	23.39	22.55	20.79

Troubleshooting tips

Chat live online to one of our technical engineers at
www.farnell.co.uk

Gascat 60 Gas Soldering Iron

ANTEX



- Butane gas powered soldering iron, fitted with a 2.4mm soldering tip
- Equivalent to a 60W electric soldering iron
- Flintwheel ignition located in cap
- Variable temperature unit for multiple applications

Kit Contains: Iron fitted with 2.4mm soldering tip, flame tip, hot air tip, knife tip, stand, sponge and tray.

247920

	Mfrs. List No.	Order Code	1+	10+	50+
Iron	XG06020	430-7161	22.33	21.88	21.44
Iron Kit	XG060KT	430-7173	43.51	42.64	41.79

Gascat 75P Gas Soldering Iron

ANTEX



- Butane gas powered soldering iron, fitted with a 2.4mm soldering tip
- Equivalent to a 75W electric soldering iron
- Piezo automatic ignition
- Soldering tip temperature 250-450°C
- 60 minutes continuous use
- Variable temperature, multi-function tool

Kit Contains: Iron fitted with 2.4mm soldering tip, flame tip, hot air tip, knife tip, stand, sponge and tray.

247925

	Mfrs. List No.	Order Code	1+	10+	50+
Iron	XG07520	430-7185	34.63	33.85	32.01
Iron Kit	XG075KT	430-7197	52.57	50.85	47.91

Gascat 120P Gas Soldering Iron

ANTEX



- Butane gas powered soldering iron, fitted with soldering tip
- Equivalent to a 120W electric soldering iron
- 120 minutes of continuous use
- Soldering tip temperature 250-500°C
- Piezo automatic ignition
- Variable temperature, multi-function tool

Kit Contains: Iron fitted with soldering tip, flame tip, hot air tip, knife tip, stand, sponge and tray.

247977

	Mfrs. List No.	Order Code	1+	10+	50+
Iron	XG12P20	430-7203	37.15	36.40	35.68
Iron Kit	XG12PKT	430-7215	60.33	59.12	57.94

P100 Gas Soldering Irons



- GS-TUV accredited gas soldering iron and kit PS100
- Gas iron equivalent to a 120W electric iron
- Long life metal catalyst
- Simple replacement flint igniter in the safety cap
- Translucent and shatterproof fuel tank giving gas level indication

- Solid steel soldering tip
- Variable adjuster to fine control fuel usage from 45 mins at max to over 90 min
- Self venting refill valve for easy gas refill
- Weighs only 50 grams

P100KX - Kit

contents: P100 gas iron complete with 2.4mm chisel tip, safety cap & flint igniter, aluminium tray, stand & wetting sponge, tube of solder, blow torch tip (VT-5), hot air tip (VT-6), hot knife tip (VT-4), desoldering pump all complete in a plastic tool box.

231504

	Mfrs. List No.	Order Code	1+	5+	10+
Iron	P100	350-6411	20.75	18.67	17.65
Iron Kit	P100KX	350-6447	47.83	43.06	40.66
Replacement Tips					
1.0mm Chisel	VT-1	352-9320	6.14	5.52	5.21

SolderPro 50 Gas Soldering Iron

iroda



SolderPro 50 Kit (Case Size: 215x105x38mm)

- Pocket sized butane gas powered iron
- Variable heat control equivalent to 70W iron
- Lightweight and portable
- Tank holds enough fuel for up to 30 mins operation (at mid setting)
- Flint ignition
- Easy to refill
- T-01 bit fitted
- Also available in a kit with the contents held in a sturdy case

Contents of SolderPro 50 (Kit):

SolderPro 50 Iron with T-01 tip, solder dispenser with 60/40 rosin core 1mm solder, tip cleaning sponge, sponge holder, S-05 hot knife tip, S-06 blow torch tip, S-07 heat blower tip

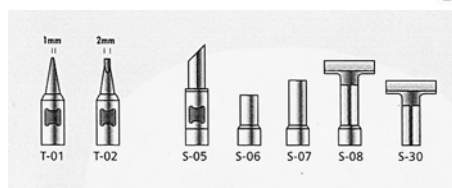
Soldering Tip Temperature	210 - 400°C (410-750°F)	Gas Container Capacity	7ml
Torch Temperature	1300°C (2500°F)	Dimensions (LxDia.)	140x23mm
Equivalent Wattage	30 - 70W	Weight (when filled)	60g

450070.439997

Description	Order Code	1+	3+	10+	25+	50+
SolderPro 50	129-6821	12.72	12.06	11.68	11.31	11.05
SolderPro 50 Kit	129-6822	18.64	17.68	17.12	16.57	16.20

Tips for SolderPro 50

iroda



450071.440028

Type	Ref.	Order Code	1+	3+	10+	25+	50+
1mm Conical	T-01	129-6823	2.51	2.38	2.30	2.23	2.18
2mm Screwdriver	T-02	129-6824	3.23	3.06	2.97	2.87	2.80
6.5mm Hot Knife	S-05	129-6811	3.81	3.61	3.49	3.38	3.31
Blow Torch	S-06	129-6812	2.76	2.62	2.53	2.45	2.40
Heat Blower	S-07	129-6813	3.81	3.61	3.49	3.38	3.31
Long Deflector	S-08	129-6815	4.38	4.15	4.02	3.89	3.80
Short Deflector	S-30	129-6805	0.88	0.82	0.80	0.77	0.75

SolderPro 70 Gas Soldering Iron

iroda



SolderPro 70 Kit (Case Size: 215x105x38mm)



Gas Soldering Irons - continued

SolderPro 70 Gas Soldering Iron - continued

- Butane gas powered iron
- Variable heat control, equivalent to 80W iron
- Lightweight and portable
- Tank holds enough fuel for up to 120 mins operation (at mid setting)
- Flint ignition
- Easy to refill
- S-01 bit fitted (1mm pencil) - S-06 blow torch also included
- Also available in a kit with the contents held in a sturdy case

Contents of SolderPro 70 (Kit):

SolderPro 70 Iron with S-01 tip, solder dispenser with 60/40 rosin core 1mm solder, tip cleaning sponge + sponge holder, S-05 hot knife tip, S-06 blow torch tip, S-07 heat blower tip

Soldering Tip Temperature	210 - 450°C (410 - 850°F)	Gas Container Capacity	20ml
Torch Temperature	1300°C (2500°F)	Dimensions (LxDia.)	190x25mm
Equivalent Wattage	25 - 80W	Weight (when filled)	76g

450068.439970

Description	Order Code	1+	3+	Price Each 10+	25+	50+
SolderPro 70	129-6806	15.44	14.63	14.17	13.72	13.41
SolderPro 70 Kit	129-6807	26.02	24.67	23.90	23.12	22.61

Tips for SolderPro 70



iroda

450069.440029

Type	Ref.	Order Code	1+	3+	Price Each 10+	25+	50+
1mm Conical	S-01	129-6808	3.81	3.61	3.49	3.38	3.31
2mm Conical	S-02	129-6809	3.81	3.61	3.49	3.38	3.31
3mm Conical	S-03	129-6810	3.81	3.61	3.49	3.38	3.31
2mm Screwdriver	S-12	129-6816	3.81	3.61	3.49	3.38	3.31
3mm Screwdriver	S-13	129-6817	3.81	3.61	3.49	3.38	3.31
4mm Screwdriver	S-14	129-6818	3.81	3.61	3.49	3.38	3.31
2mm Chisel	S-22	129-6819	3.81	3.61	3.49	3.38	3.31
3mm Chisel	S-23	129-6820	3.81	3.61	3.49	3.38	3.31
6.5mm Hot Knife	S-05	129-6811	3.81	3.61	3.49	3.38	3.31
Blow Torch	S-06	129-6812	2.76	2.62	2.53	2.45	2.40
Heat Blower	S-07	129-6813	3.81	3.61	3.49	3.38	3.31
Long Deflector	S-08	129-6815	4.38	4.15	4.02	3.89	3.80
Short Deflector	S-30	129-6805	0.88	0.82	0.80	0.77	0.75

SolderPro 120 Gas Soldering Iron



SolderPro 120 Kit (Case Size: 275x165x45mm)

iroda

- Professional quality, butane gas powered iron
- Variable heat control, equivalent to 125W iron
- Lightweight and portable
- Tank holds enough fuel for up to 200 mins operation (at mid setting)
- Self-ignition, no need for flints
- Easy to refill
- PS-1 bit fitted (1.6mm conical)
- Also available in a kit with the contents held in a sturdy case

Contents of SolderPro 120K (Kit):

SolderPro 120 Gun with PS-1 tip, solder dispenser with 60/40 rosin core 1mm solder, heat shield tray, tip cleaning sponge + sponge holder, PS-3 screwdriver tip 2.4mm, PS-9 hot knife, PS-10 hot blower tip, PS-14 spare orifice assembly

Soldering Tip Temperature	250 - 550°C (480-1000°F)	Gas Container Capacity	38ml
Equivalent Wattage	30 - 125W	Dimensions (LxDia.)	245x27mm
		Weight (when filled)	166g

450066.439954

Description	Order Code	1+	3+	Price Each 10+	25+	50+
SolderPro 120	129-6793	27.43	26.00	25.18	24.38	23.83
SolderPro 120 Kit	129-6794	41.61	39.45	38.21	36.99	36.16

Tips for SolderPro 120



iroda

Heat Blower: 6mm \varnothing , Deflector: 10mm Lateral \varnothing
Note: Heat Deflector (S-30) not illustrated

450067.439975

Type	Ref.	Order Code	1+	3+	Price Each 10+	25+	50+
1.6mm Conical	PS-1	129-6795	5.26	4.99	4.83	4.68	4.57
3.2mm Conical	PS-2	129-6797	5.26	4.99	4.83	4.68	4.57
2.4mm Screwdriver	PS-3	129-6798	5.26	4.99	4.83	4.68	4.57
3.2mm Screwdriver	PS-4	129-6799	5.26	4.99	4.83	4.68	4.57
2.4mm Chisel	PS-5	129-6800	4.09	3.87	3.75	3.63	3.55
3.2mm Chisel	PS-6	129-6801	5.26	4.99	4.83	4.68	4.57
Hot Knife	PS-9	129-6803	5.26	4.99	4.83	4.68	4.57
Heat Blower	PS-10	129-6804	5.26	4.99	4.83	4.68	4.57
Heat Deflector	S-30	129-6805	0.88	0.82	0.80	0.77	0.75

SolderPro 180 Gas Soldering Iron



SolderPro 180 Kit

- Self standing cushioned pistol grip soldering/torch tool for professional use
- Auto-ignition
- Max. power rating 185W electrical equivalent
- Ready to use in 30 seconds after ignition
- Three function tips change in seconds for soldering gun, torch or hot air blower
- Supplied with 2 x empty fuel cartridges (LEC-10) - Refill with any branded butane gas
- Suitable for automotive repairs, aviation service, heavy gauge wires, industrial cable repairs and much more
- Brazing up to 2,450°F
- Dimensions (HxL): 170x203mm (Including Tip)

Contents of SolderPro 180K (Kit):

SolderPro 180 Gun, 2 x Refillable fuel cartridges (LEC-10), solder dispenser with 60/40 rosin core 1mm solder, tip cleaning sponge + sponge holder, cleaning flux paste, desolder gun, 3 $\frac{1}{2}$ " wire cutters, PS-80 deflector tip, PS-70 hot blower tip, PS-60 1.8mm conical tip, PS-75 spare orifice assembly, stainless steel cleaning brush

Soldering Tip Temperature	250 - 550°C (480 - 1000°F)
Equivalent Wattage	30 - 185W
Torch Temperature	1300°C (2500°F)
Gas Container Capacity	40ml
Operating Time (one gas filling)	100 mins. (at mid setting)
Handle Dimensions	38x41mm
Weight (when filled)	560g

450064.439827

Description	Order Code	1+	3+	Price Each 10+	25+	50+
SolderPro 180	129-6783	19.74	18.72	18.14	17.55	17.16
SolderPro 180 Kit	129-6785	45.36	43.01	41.66	40.33	39.43

Tips for SolderPro TM180Heat Blower: 7.5mm \varnothing , Deflector: 17.5mm Lateral \varnothing

450065.439828

Type	Ref.	Order Code	1+	3+	Price Each 10+	25+	50+
7mm Screwdriver	PS-50	129-6786	5.74	5.44	5.26	5.10	4.99
4mm Chisel	PS-55	129-6787	5.74	5.44	5.26	5.10	4.99
1.8mm Conical	PS-60	129-6788	5.74	5.44	5.26	5.10	4.99
12mm Hot Knife	PS-65	129-6789	5.74	5.44	5.26	5.10	4.99
7.5mm Hole Diameter							
Heat Blower	PS-70	129-6790	5.74	5.44	5.26	5.10	4.99
Orifice Assembly	PS-75	129-6791	2.67	2.53	2.45	2.38	2.32
17.5mm Lateral Diameter Deflector	PS-80	129-6792	0.88	0.82	0.80	0.77	0.75

Gas Powered Heat Guns

Micro-jet Gas Torch



- Pocket sized - Ideal for soldering and jewellery repairs
- Auto ignition
- 1300°C windproof flame
- Safety lock
- Fuelled by a standard cigarette lighter (included) - Refill with any branded butane gas
- Dimensions (HxWxD): 110x65x25mm
- Weight: 60g

iroda

450131.440006

Mfrs. List No.	Order Code	1+	3+	10+	25+	50+
MJ-330	129-6825	8.29	7.86	7.61	7.37	7.20

Micro-Therm Gas Torch



- Ideal for drying, heating and shrink wrapping applications
- 650°C flameless heat
- Safety lock
- Fuelled by a standard cigarette lighter (included) - Refill with any branded butane gas
- Dimensions (HxWxD): 115x80x25mm
- Weight: 95g
- Supplied with heat deflector (17mm lateral)

iroda

450132.440010

Mfrs. List No.	Order Code	1+	3+	10+	25+	50+
MJ-600	129-6827	11.73	10.97	10.35	9.84	9.27

Gas Refill for Gas Soldering Irons

Butane Gas Refill



A 200ml can of ultra-refined, high quality butane gas suitable for refilling portable gas soldering irons and butane filled apparatus.

SPC pro-POWER

435847.435834

Description	Order Code	1+	12+
Butane Gas, 200ml	120-6547	1.48	1.30

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Battery Powered Soldering Irons

Battery Soldering Iron Kit BP860EU

For hobbyist and semi-professional user

Weller
COOPER Hand Tools

Kit comprises:
Dual power battery soldering iron 1 x 0.8mm conical iron plated soldering iron tip 1 x 1.8mm chisel iron plated soldering tip 4 x AA size Duracell batteries Lead free solder-Tip removal tool Storage case

- 8/11W output
- Max temperature 450°C at 8W, 510°C at 11W
- Heat up time better than 15 seconds
- Red / green LED to show power level
- Off / high / low power selector switch
- White LED work light
- Safety cap with auto shut off feature

- Up-to 180 solder joints per 4 batteries

485898

Mfrs. List No.	Description	Order Code	1+	5+	10+
BP860CEU	Soldering Iron	148-9546	29.95	--	--
Accessories					
BP10EU	0.88mm Iron Plated Conical Tip	148-9547	5.90	5.72	5.55
BP11EU	1.8mm Iron Plated Conical Tip	148-9548	5.90	5.72	5.55

Battery Soldering Iron - WC100

Weller
COOPER Hand Tools

H = 29, W = 30, L = 122 (body only)

- Cordless 15W soldering iron ideal for technicians and field service engineers
- Heats up in 6 seconds, maximum temperature in excess of 800°F
- Fully charged in 12 hours. Long life nickel cadmium batteries
- Supplied with battery charge
- Built in worklight

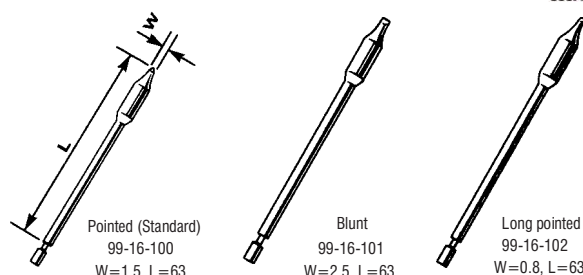
Soldering iron inc. batteries, charger & all 3 tips
Replacement rechargeable batteries (two required)

Mfrs. List No. Order Code
WC100 418-973
GP200SCKHB 605-487

222214

	Order Code	1+	6+	12+	48+
Soldering Iron	418-973	92.13	89.37	86.69	84.08

WC100 Iron Tips

Weller
COOPER Hand Tools

Pointed (Standard)
99-16-100
W=1.5, L=63

Blunt
99-16-101
W=2.5, L=63

Long pointed
99-16-102
W=0.8, L=63

212556

Mfrs. List No.	Order Code	1+	25+	100+	200+
9916100	418-985	14.24	13.81	13.40	13.00
9916101	418-997	14.24	13.81	13.40	13.00
9916102	419-000	14.24	13.81	13.40	13.00

Help us to help the environment



This catalogue has been printed on paper certified from a sustainable source.
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Antex Mains Soldering Irons

Fixed Temperature Soldering Irons

Models M, C, CS & XS



- Complete range of thermally balanced soldering irons to meet production line and laboratory requirements
- Polycarbonate handles
- Conforms to **BS3456 section 2.14**
- All mains irons are fitted with suitable plugs
- 24V versions are fitted with mini 3 pin plug for connection to Antex power supplies
- Fitted with 1.8m, 3 core, PVC insulated cable
- CS irons are available with silicone rubber cables fitted with a mini 3 pin plug

Model	M	C	CS	XS
Power (watts)	12	15	18	25
Operating tip temperature	370°C	370°C	390°C	420°C
Tip type (fitted)	10	820	1100	51
No. of bit options	8	8	9	7
Overall length	147	147	183	193
Tip-to-handle length	75	75	78	83
Handle length	72	72	105	110
Diameter	14	14	15	17
Cable material	PVC	PVC	PVC or Silicone rubber	PVC
Input voltage options dc	-	-	-	-
ac	-	-	24	24
ac	-	-	-	115
ac	230	230	230	230

FOR SUITABLE 24V ac POWER SUPPLY SEE ORDER CODE 120-4730

Voltage	Cable	Plug Type	Mfrs. List No.	Order Code	Price Each	
					1+	5+
230V ac	PVC	UK	M230	629-078	16.31	15.36
230V ac	PVC	UK	C230	629-091	15.74	14.88
24V ac	PVC	-	CS18-24V	610-185	18.81	17.72
230V ac	PVC	UK	CS-18 230V	610-161	16.24	15.21
230V ac	Silicone	UK	CS18S-230V	610-173	18.73	17.44
115V ac	PVC	UK	XS25-115V	610-215	15.68	14.75
230V ac	PVC	UK	XS25-230V	610-203	16.78	15.79

Variable Temperature Soldering Iron



- Temperature controlled irons provide the ideal solution when precise soldering temperatures are not required
- Uses surface mount technology
- Temperature adjusted using a small blade screwdriver
- Temperature range between 200°C and 450°C, graduated in 50°C increments
- Proportional voltage control for consistent stable temperatures and zero voltage switching to eliminate arching and transients
- 230V irons fitted with suitable mains plug
- Both irons are fitted with 1.5m, 3core PVC mains cable and 1100 tip

Barrel length (inc. tip)=80. Handle length=140. Handle dia.=33

Power	50W	Control Accuracy	±1%
Temperature Range	200°C to 450°C	Leakage Current	<5μA
Warm up time	60s to 350 °C		

				Price Each		
Voltage	Plug Type	Colour	Order Code	1+	5+	10+
230V ac	UK	Yellow	629-121	49.71	46.78	43.76

Fume Extraction Upgrade Kit



- Cost effective
- Converts existing CS, XS, XSD, CSTC, TC25, TC50, XSTC and SD50 Antex soldering irons
- Contains all the necessary parts to modify the iron and connect to a suitable fume extraction system.
- Supplied with fitting instructions

Note: If using on CSTC and XSTC irons with old TCSU-1 station, use stand Order Code 610-150

ANTEX

Soldering Kits



- Range of pre-packed soldering kits
- Kits contain a soldering iron, the ST6 stand, length of solder and a 'How to solder' booklet
- Mains plug included

Kit	Tip type (fitted)
SK2	820
SK5	1100
SK6	51

	Plug Type	Mfrs. List No.	Order Code	Price Each	
18W UK Soldering Kit with CS18-230 iron	UK	SK5	629-182	22.47	21.15
25W UK Soldering Kit with XS25-230 iron	UK	SK6	629-200	22.75	21.41

Pipemaster










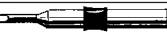








- Safe and efficient method to solder capillary joints
- No gas or naked flames
- Works like a standard soldering iron
- Prevents damage to surrounding areas when used in confined areas
- Supplied with 15mm heads, a safety stand and suitable mains plug

Input	230V ac	Power consumption	120 Watts	Head temperature	520 C
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				Price Each	
	Plug type	Order Code	1+	5+	10+
UK Pipemaster	UK	629-145	43.47	40.61	38.12
Pipemaster 22mm heads (pair)	—	149-078	5.86	5.74	5.62

Replacement Soldering Tips

- All replacement tips are iron and chrome plated (except 108-518)
- Offer longer life than standard iron and bright nickel tips

Tip Style		Tip Dia		Iron type Approved compatibility								Mftrs. List No.	Order Code
		mm	in	G	C & M	C S	X S	C S T C	X S T C	T C S D	X S D		
	0.1	1/250			●				●	●	●	1107	108-518
	0.5	1/40		●			●					10	418-559
	0.5	1/40							●	●	●	1105	418-560
	0.5	1/40				●						55	418-572
	1	3/64		●			●					106	418-584
	1	3/64			●				●	●	●	1106	418-596
	2.3	3/32	●	●								820	418-602
	2.3	3/32			●				●	●	●	1100	418-614
	2.3	3/32				●						50	418-626
	2.3	3/32				●						53	418-638
	2.3	3/32		●			●					102	418-640
	2.3	3/32		●			●					202	418-651
	3	1/8	●	●								821	418-675
	3	1/8			●				●	●	●	1101	418-687
	3	1/8				●						51	418-699
	3	1/8				●						54	418-705

Tip Style	Tip Dia		Iron type Approved compatibility										Mfrs. List No.	Order Code
	mm	in	G	C	C	X	C	X	T	C	S	A		
	4	5/32	●	●	●	●	●	●	●	●	●	●	103	418-717
	4.7	3/16	●	●	●	●	●	●	●	●	●	●	104	418-729
	4.7	3/16	●	●	●	●	●	●	●	●	●	●	1102	418-730
	4.7	3/16	●	●	●	●	●	●	●	●	●	●	52	418-754
	6	1/4	●	●	●	●	●	●	●	●	●	●	1103	418-766

212486

Order Code	1+	Price Each	20+
All Order Codes	2.67	10+ 2.47	20+ 2.33

Duratool & Multicomp Mains Soldering Irons

Fixed Temperature Soldering Irons

15W and 25W



- 230V ac operation
- Lightweight ergonomic design
- Strong high quality polycarbonate handle
- UK manufactured
- Fitted with moulded UK 3-pin mains plug
- CE approved
- All the replacement tips are iron and chrome plated (except 108-518)

	15W	25W
Lead	1.5m, 3-Core 3x0.75mm ² Insulated PVC with strain relief	
Max Tip Temperature	370°C	390°C
Handle Length	122mm	
Total Length (Incl. Tip)	200mm	
Handle Diameter	23mm at the bottom, 17mm at the flex end	
Weight	170g	180g
Breakdown Voltage	2500V	
Standard Tip Fitted	2.3mm Chisel (418-614)	3.0mm Chisel (418-699)

338399

Description	Order Code	1+	Price Each	20+
15W Soldering Iron	506-1921	13.48	5+ 12.92	20+ 12.14
25W Soldering Iron	506-1933	14.30	5+ 13.62	20+ 12.66

Tip Size	Style	Order Code	1+	10+	20+
Tips for use with 15W Iron (370 °C)					
0.1mm	Point	108-518	2.67	2.47	2.33
1.0mm	Chisel	418-596	2.65	2.48	2.33
2.3mm	Chisel	418-614	2.65	2.48	2.33
3.0mm	Chisel	418-687	2.65	2.48	2.33
4.7mm	Chisel	418-730	2.65	2.48	2.33
Tips for use with 25W Iron (390 °C)					
0.5mm	Point	418-572	2.65	2.48	2.33
2.3mm	Chisel	418-626	2.65	2.48	2.33
2.3mm	Screwdriver	418-638	2.64	2.48	2.33
3.0mm	Chisel	418-699	2.65	2.48	2.33
3.0mm	Screwdriver	418-705	2.64	2.48	2.33
4.7mm	Chisel	418-754	2.65	2.40	2.24

Soldering Iron



This great value soldering iron is an ideal soldering tool for hobbyist and many small domestic or electrical soldering applications. Fitted with a compound mica heater element for fast heating, high temperature stability and long life time.

New

Voltage 220 to 240V
Power 40W
Temperature 420 to 460°C
Heating element Compound mica heater

Content: Soldering Iron, Spare tip, Solder and Holder.

505792

Mfrs. List No.	Plug Type	Order Code	1+	Price Each	20+
D00797	UK	156-8157	15.74	5+ 14.93	20+ 14.19
D00798	EU	156-8159	15.74	5+ 14.93	20+ 14.19

Soldering Iron



New

This great value soldering iron is an ideal soldering tool for hobbyist and many small domestic or electrical soldering applications.

Voltage 220 to 240V
Power 40W
Temperature (ZD-707NL) 370 to 460°C
Heating element (ZD-707NL) Ceramic heater
Temperature (ZD-707BL) 420 to 460°C
Heating element (ZD-707BL) Compound mica heater

505791

Mfrs. List No.	Plug Type	Order Code	1+	Price Each	20+
D00799	UK	156-8160	16.59	5+ 15.74	20+ 14.93
D00800	EU	156-8161	16.59	5+ 15.74	20+ 14.93
D00801	UK	156-8162	17.16	5+ 16.31	20+ 15.45
D00802	EU	156-8163	17.16	5+ 16.31	20+ 15.45

Soldering Iron



New

This great value soldering iron is an ideal soldering tool for hobbyist and many small domestic or electrical soldering applications. Switchable soldering iron 30W to 50W. Fitted with a natural mica heater element for fast heating, high temperature stability and long life time.

Voltage 220 to 240V
Power 50W
Temperature 200 to 450°C
Heating element Natural mica heater

505790

Mfrs. List No.	Plug Type	Order Code	1+	Price Each	20+
D00803	UK	156-8165	22.88	5+ 21.73	20+ 20.62
D00804	EU	156-8166	22.88	5+ 21.73	20+ 20.62

Weller Mains Soldering Irons

Miniature Series 2000



Barrel length (excl. tip) = 50, Barrel dia. = 7

- Lightweight miniature mains soldering iron
- Economical
- Comfortable thermoplastic handle
- Ideal for use where precision touch is needed
- Supplied with stand
- For Hobbyist and Semi-professional users

212525

	Mfrs. List No.	Order Code	Price Each
12W	2012	500-720	16.48
15W	2015	500-732	17.17
20W	2020	500-744	16.48
Tips 3 Per Pack			Price Per Pack
For Iron type	Tips		
2012	0.65 Micro point	STT1	500-756 3.65
2015	2.4 Chisel Point	STT2	500-768 3.65
2020	3.5 Chisel Point	STT3	500-770 3.65

SP Series



Weller Mains Soldering Irons - continued

SP Series - continued

- Four different models available to cope with fine soldering through to heavy duty
- On/Off indicator in the handle
- Heat protected comfortable grip
- Flexible cable
- For Hobbyist and Semi-professional users

	SP15L	SP25L	SP40L	SP80L
Voltage Supply	230V ac	230V ac	230V ac	230V ac
Cable Length	1.6m	1.6m	1.6m	1.6m
Overall Length (Including Tip) mm	195	195	210	240
Barrel Length (Excluding Tip) mm	55	55	65	85
Barrel Diameter (mm)	7.5	9.5	11	14.5
Standard Tip Fitted	S5	MT1	MT10	MTG20

387128.410654

Wattage	Mfrs. List No.	Order Code	1+	5+
15W	SP15LUK	842-6406	13.87	13.45
25W	SP25LUK	842-6414	13.40	13.00
40W	SP40LUK	842-6422	15.23	14.77
80W	SP80LUK	842-6430	18.66	18.10

Tip Width	Type	Plating	Mfrs. List No.	Order Code	1+	3+
Tips for SP15L (15W) Iron						
2.0mm	Screwdriver	Nickel	S5	879-6777	3.99	3.87
3.5mm	Screwdriver	Nickel	S3	957-940	3.88	3.76
0.4mm	Conical (Longlife)	Iron	S31	957-926	4.75	4.61
2.0mm	Screwdriver (Longlife)	Iron	S32	957-938	4.53	4.39
Tips for SP25L (25W) Iron						
0.8mm	Conical	Nickel	MT1	879-6785	3.99	3.87
4.0mm	Screwdriver	Nickel	MT2	879-6793	3.99	3.87
4.8mm	Straight, Smoothing Tip	Nickel	MT6	879-6807	1.78	1.73
	Hot Knife (Blade & Chuck)		HK11	879-6815	2.62	2.54
Tips for SP40L (40W) Iron						
6.3mm	Screwdriver	Nickel	MT10	879-6823	4.53	4.39
6.3mm	Screwdriver, Bent	Nickel	S4	879-6831	4.80	4.66
5.0mm	Screwdriver (Longlife)	Iron	S36	879-6840	4.44	4.31
5.0mm	Screwdriver, Bent (Longlife)	Iron	S37	879-6858	4.89	4.74
Tips for SP80L (80W) Iron						
9.5mm	Screwdriver, Bent	Nickel	S8	879-6866	7.81	7.58
7.0mm	Screwdriver (Longlife)	Iron	S38	353-425	6.49	6.30

- Multi-purpose soldering gun
- Fingertip trigger operation
- Ready to solder in six seconds
- High efficiency, pre-tinned pure copper tip
- Built-in spotlight illuminates work
- 240Vac operation
- Ideal for cutting, sealing, pokerwork and soldering with instant heat tip

Note: This soldering iron is **not** designed for continuous use.

212561

	Mfrs. List No.	Order Code	Price Each
'Expert' soldering gun	8100UD	415-881	41.86
Soldering tip - 2 per card	7135	415-893	2.66
Cutting tip - 1 per card	6110	415-900	5.65
Smoothing tip - 1 per card	6120	415-911	5.65

Temperature Controlled - W Series

Weller
COOPER Hand Tools



60 Watt, W61 and W61E Barrel length (excl tip) = 75, Barrel dia = 11



100 Watt, W101 and W101E Barrel length (excl tip) = 96, Barrel dia = 15



200 Watt, W201 and W201E Barrel length (excl tip) = 131, Barrel dia = 18

- Well balanced lightweight irons
- High thermal reserve
- Temperature determined by tip selection
- Thermoplastic handle
- Capacitor is incorporated to improve switch life and prevent interference
- Fully earthed
- Fitted with 1.5m burn-proof lead
- Suitable for use with transistors, PCBs, heavy electrical connections and even sheet metal

222228

Wattage	Voltage	Mfrs. List No.	Order Code	1+	5+	10+	48+
60W	240V	W61 UK	415-807	57.37	55.65	53.98	52.36
60W	120V	W61E	415-819	60.30	58.49	56.74	55.03
100W	240V	W101 UK	415-820	66.16	64.18	62.25	60.38
100W	120V	W101E	415-832	66.16	64.18	62.25	60.38
200W	240V	W201D	415-844	84.59	82.05	79.59	77.20
200W	120V	W201E	415-856	85.43	82.87	80.38	77.97
Irons with Euro Schuko Plug				1+	5+	10+	
60W	240V	W61 EU	800-650	57.37	55.65	53.98	
100W	240V	W101 EU	800-661	66.16	64.18	62.25	
200W	240V	W201	800-673	84.59	82.05	79.59	
Accessories							
		KH 6	419-217	15.08	--	--	

Antex Soldering Stations

660 TC Soldering Station

ANTEX



- Temperature controlled soldering station 65°C to 450°C
- Thumbwheel potentiometer setting
- 'Power On' and 'Power to Iron' indication
- Supplied with TC50, 50 watt soldering iron and ST6 bench holder
- Can be used with optional TC25 25 watt soldering iron
- Available with UK and European plug fittings
- Uses 1100 series tips

212532

43

Therma-Boost Heat Tool

For hobbyist and semi-professional users

Weller
COOPER Hand Tools



When the Thermo-Boost mode is activated, the high-performance 30W/130W/230V soldering gun reaches its maximum temperature in less than 45 seconds. In standard operating mode, it operates with an output of 30 watts. It is ideal for cutting or processing synthetic materials, foams and styrofoam, as well as for soldering. When the Thermo-Boost switch is pressed, the red lamp lights up and an output of 130 watts makes a quick burst of heat available.

- Rating 30 watt standard / 130 watt boost
- Supply voltage 230 V / 50 Hz
- Heat up time to operating temperature 45 sec approx.
- Maximum temperature 510 C
- Red and green LED indicators to show standard / boost mode
- Duty cycle in boost mode 8 seconds

Comprises :

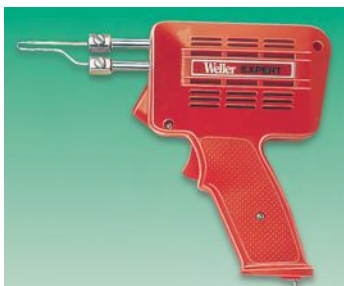
Therma Boost Tool kit part no. TB100 UK ,Set of 6 tips, Safety rest

473597

Mfrs. List No.	Description	Order Code	1+	5+	10+
TB100UK	UK Thermo-Boost Heat Tool	135-7544	22.50	21.83	21.17
TB100EU	Euro Thermo-Boost Heat Tool	135-2833	22.50	21.83	21.17
TB57KEU	5 Piece Tip Set	148-9544	10.20	9.89	9.60

Instant Heat, 100 Watt Expert Soldering Gun

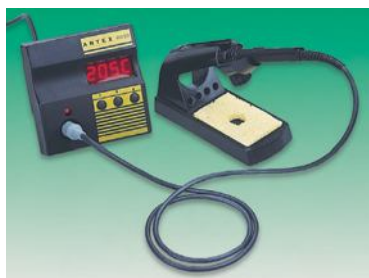
Weller
COOPER Hand Tools



Mfrs. List No.	Plug Type	Order Code	1+	Price Each	5+	10+
Stations						
660-TC	UK	120-4734●	125.93	116.75	108.23	
660-TCE	Euro	120-4738●	123.45	116.21	107.73	
Replacement Irons						
TC25 25W	—	629-017	29.92	28.90	27.03	
TC 50 50W	—	629-005	29.92	28.90	27.03	

690 SD Soldering Station

Static Dissipative



- Temperature controlled soldering station 65° to 450°C
- Static dissipative
- Digital readout with choice of many languages
- Multi-programmable with 2 memory settings
- Lockable settings with PIN security
- °C or °F readout
- Dial in bit selection for accurate offset
- Diagnostics
- Supplied with SD50 50 watt static dissipative soldering iron and ST6 bench holder
- Available with UK and European plug fittings

212531

Mfrs. List No.	Plug Type	Order Code	1+	Price Each	5+	10+
Stations						
690-SD	UK	120-4733●	176.91	169.29	158.42	
690-SDE	EURO	120-4736●	187.58	176.56	163.68	
Replacement Iron						
SD50 50 watt	-	628-992	43.36	40.51	36.81	

Surface Mount Rework Kit



The Antex surface mount rework station is an entry level station which gives the user the ability to remove most component types without damage to the circuit board or surrounding components. Each rework tool is heated to the exact temperature required by the component by means of a microprocessor control inside the soldering station.

- A cost-effective solution to desoldering SMT components
- Most package sizes available
- 12 desoldering tools included with the kit
- 50 watt ESD safe soldering iron and station
- Also includes soldering iron stand and rework tool holder

Desoldering tools included in the kit

Reference	Package
DST-A	1206/1210
DST-B	1812
DST-C	0805
DST-D	MELF, SOD 80/87
DST-E	SOT23/143
DST-F	SOT89
DST-G	IC S08
DST-H	IC S014/16/QFP 10 x 5 mm
DST-K	various + re-soldering
1107	various + re-soldering
DST-Q	ICS020/QFP 15 x 8 mm
DST-S	ICS028/QFP 20 x 8 mm

230548

Soldering Irons	Mfrs. List No.	Order Code	1+	Price Each	5+	10+
Rework Station	UD82D70	120-4732●	250.92	245.90	240.99	

Antex Tips & Accessories

Replacement Soldering Tips

ANTEX

- All replacement tips are iron and chrome plated (except 108-518)
- Offer longer life than standard iron and bright nickel tips

Tip Style	Tip Dia		Iron type Approved compatibility										Mfrs. List No.	Order Code
	mm	in	G	C	C	X	C	T	X	A				
	0.1	1/250		●				●	●	●	●		1107	108-518
	0.5	1/40	●				●						10	418-559
	0.5	1/40						●	●	●	●		1105	418-560
	0.5	1/40					●						55	418-572
	1	3/64	●				●						106	418-584
	1	3/64		●				●	●	●	●		1106	418-596
	2.3	3/32	●	●									820	418-602
	2.3	3/32		●				●	●	●	●		1100	418-614
	2.3	3/32					●						50	418-626
	2.3	3/32					●						53	418-638
	2.3	3/32	●				●						102	418-640
	2.3	3/32	●				●						202	418-651
	3	1/8	●	●									821	418-675
	3	1/8		●				●	●	●	●		1101	418-687
	3	1/8					●						51	418-699
	3	1/8					●						54	418-705
	4	5/32	●				●						103	418-717
	4.7	3/16	●				●						104	418-729
	4.7	3/16		●				●	●	●	●		1102	418-730
	4.7	3/16					●						52	418-754
	6	1/4		●				●	●	●	●		1103	418-766

212486

Order Code	1+	Price Each	10+	20+
All Order Codes	2.67	2.47	2.33	

Surface Mount Kit

ANTEX


- Comprehensive kit comprising 12 desoldering tips
- Designed to fit most surface mount component outlines (see below)
- Suitable for CS, TCS, XSD, XSTC, TC50 and SD50 irons

H = 17 (excl. tips), W = 65, D = 119

Chips 1206/1210/1812/0805	MELF SOD 80/87	Transistors SOT23/143/89	S08	Small Outline IC S014/16	D-PAK

212505

Mfrs. List No.	Order Code	1+	Price Each	10+	20+
DKIT-12	108-520	59.95	56.44	52.78	



Antex Tips & Accessories - continued

50 Watts, 24V ac
650PS Power Unit

ANTEX



- Power supply unit
- Power on indication
- Supplied with ST6 bench stand
- Can be used with any Antex or similar 24V soldering iron up to 50 watt power
- Available as UK or European plugged versions

Input Voltage 230V ac
Output Voltage 24V ac
Power Output 50W

Soldering Iron not supplied

212534

Mfrs. List No.	Plug Type	Order Code	1+	5+	10+
650-PS	UK	120-4735●	51.64	49.45	46.80

ST6 and ST4

ANTEX



ST6

- Industrial styled bench stand
- Allows simple iron-parking and cool handle performance
- Made from high grade phenolic with a melting point above soldering iron tip temperatures
- Incorporates slip-resistant feet, screw holes for permanent positioning and a ballast weight for added stability
- Adjustable iron holder to fit all Antex and most standard irons



ST4

- Lightweight construction
- Manufactured from high grade, high temperature PHENOLIC
- Can be screwed to any work surface
- Suitable for all Antex fixed temperature irons
- Replacement sponge available

212533

	Order Code	1+	5+	10+
ST-4	155-214	4.78	4.73	4.51
ST6	610-150	6.79	6.42	5.98
Replacement Sponge	418-353	0.75	0.71	0.67

Spares

ANTEX

212487

For use with	Mfrs. List No.	Order Code	1+	5+
C250	C250E	120-4740●	7.33	6.91
TCS240	TCS240E	120-4741●	23.27	21.88
XS240	XS240E	120-4742●	7.09	6.76
Sponges	ST4, ST5, ST6, TCSU-1	418-353	0.75	0.71

Duratool Soldering/De-Soldering Stations

Temperature Controlled Soldering Station

DURATOOL



- Finger tip temperature regulator control (up/down buttons)
- Safe, low voltage 24V iron operation
- Integral enclosed stand
- Pull-out tray that houses the sponge
- ESD version available
- Mains on/off switch and fuse
- Range of tips available

Contents of Station: Power unit, soldering iron (with 0.5mm pointed tip), sponge, user instructions

Note: The replacement sponge listed below will need cutting to size

Temp Setting Range 150°C - 450°C
Display Precision 5%
Power Output - Iron 48W
Dimensions (HxWxD) 87x195x165mm

Iron Length 198mm
Iron Lead Length 1.1m
Supply Voltage 220 - 240Vac

438592/450062

Description	Order Code	1+	3+	10+	50+
Station Blue (UK Plug)	129-6771●	40.57	37.63	35.29	32.93
Station Blue (EU Plug)	149-8366●	39.48	36.62	34.33	32.04
Station ESD Black (UK Plug)	129-6773●	45.86	43.51	41.16	38.81
Station ESD Black (EU Plug)	149-8367●	44.63	42.34	40.06	37.77
Accessories					
Soldering Iron	129-6774●	5.35	4.88	4.53	4.17
Element for Soldering Iron	129-6775●	1.59	1.35	1.17	1.04
7141mmSponge (x) Pk 5	129-6776	1.47	1.35	1.23	1.07

Tips for Duratool Soldering Stations

DURATOOL



Long-life bits for use with irons on Duratool soldering stations (Farnell order codes: 129-6771 and 129-6773)

438829/450063

Tip Type	Order Code	1+	3+	10+	50+
Pointed0.5mm	129-6777	1.04	0.97	0.90	0.84
0.3mm Pointed	129-6778	1.04	0.97	0.90	0.84
3.0mm Chisel (45°)	129-6779	1.04	0.97	0.90	0.84
2.0mm Screwdriver	129-6780	1.04	0.97	0.90	0.84
0.5mm Chisel (45°)	129-6781	1.04	0.97	0.90	0.84

Soldering and Rework Station
ZD-912

DURATOOL



The ZD-912 Soldering & Rework Station is a high-performance and multi-function station, suitable for lead-free applications. It can be used for soldering and desoldering all types of surface mounted IC's and prevents any damage to the PCB or components. The temperature sensor on the top of the tips can check the tip temperature quickly and decreases the possibility of the tip temperature falling off.

Contents of Station: Power unit, soldering iron (with conical tip), hot air tool, ZD-10K stand with sponge, 4 hot air nozzles, user instructions

Technology Specification

Supply Voltage 230V (220-240V)
Power 60W Soldering Iron
320W Hot Air SMD Rework

Technology Specification

Temperature range 160°C - 480°C
Heating Element Ceramic Heater

488841

Mfrs. List No.	Order Code	1+	3+	10+	50+
Rework Station (UK & EU Plug)	149-8360●	137.33	127.03	120.17	110.79

Desoldering Station

DURATOOL

ZD-915



A high-performance desoldering station which provides a continuously controlled supply of heat, suitable for desoldering all types of components, and allows easy removal of the residual solder. The temperature sensor on the top of the tip, checks the tip temperature quickly and decreases the possibility of the tip temperature falling off during operation. The quick heat and 80W power make for convenient and clear soldering /desoldering all type of DIP components. Suitable for lead-free applications.

Contents of Station: Power unit, desoldering gun (with conical tip), user instructions.

Technology Specification

Supply Voltage	230V (220-240V)
Power	80W (heat up rating 130W)
Temperature range	160°C - 480°C
Vacuum Pressure	600mm Hg
Heating Element	Ceramic Heater

488829

Mfrs. List No.	Order Code	1+	3+	10+	50+
Desoldering Station (UK & EU Plug)	149-8361 ●	70.690	63.950	60.810	56.100
Replacement Filter	151-6019	0.210	0.200	0.191	0.168

Soldering Station

ZD-916

DURATOOL

The iron heats up from the room temperature to 350°C in 30 seconds. The speed of the temperature compensation ensures the temperature is at peak performance at all times. The soldering station is suitable for Lead free soldering and special low temperature conditions.

Contents of Station: Power unit, soldering iron (with 1mm conical tip), user instructions.

Technology Specification

Supply Voltage	230V (220-240V)
Power	60W (Heat up rating 130W)
Temperature range	160°C - 480°C

488813

Mfrs. List No.	Order Code	1+	3+	10+	50+
Soldering Station (UK & EU Plug)	149-8362 ●	60.66	56.08	53.22	49.21

Soldering and Rework Station

ZD-917

DURATOOL

The digital repair system includes a soldering iron and desoldering gun. It offers a controlled supply of heat, suitable for desoldering all type of components and allows easy removal of the residual solder. The soldering iron and desoldering iron can be used independently or at the same time. The temperature sensor on the top of the tips can check the tip temperature quickly and decrease the possibility of the tip temperature falling off during the operation. Suitable for lead free soldering applications.

Contents of Station: Power unit, soldering iron (with a conical tip), desoldering gun (with 3 conical tips), ZD-10K stand with sponge and

user instructions.

Technology Specification

Supply Voltage	230V (220-240V)
Power	60W Soldering 80W Desoldering

Technology Specification

Temperature range	160°C - 480°C
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488801

Description	Order Code	1+	3+	10+	50+
Soldering & Rework Station (UK & EU Plug)	149-8363 ●	137.330	127.030	120.170	110.790
Replacement Filter	151-6020	0.220	0.210	0.194	0.172

Premium service without a premium price

With thousands of prices already reduced, go online to see our most up-to-date pricing:
www.farnell.co.uk

Soldering Station

ZD-937

DURATOOL

The ZD-937 soldering station is an ideal soldering tool for hobbyist or occasional use. It has the function of regulating temperature, 1°C or 10°C per grade can be regulated using the control buttons. Preset buttons of 200, 300 & 400 are also included. The station can be switched between °C and °F.

Contents of Station: Power unit, soldering iron (with a conical tip), user instructions.

Technology Specification

Supply Voltage	230V (220-240V) / 50Hz
Electric Iron Power	48W
Temperature range	150°C - 450°C

Technology Specification

Dimensions (WxD)	210x125x135mm
Weight	1.8kg

488789

Description	Order Code	1+	3+	10+	50+
Soldering Station (UK Plug)	149-8364 ●	42.34	38.34	36.62	34.33
Soldering Station (EU Plug)	149-8365 ●	42.34	38.34	36.62	34.33

60W Soldering Iron**DURATOOL**

- Compatible with ZD-912, ZD-916 and ZD-917 Soldering Stations

492545

Description	Order Code	1+	3+	10+	50+
ZD-415 Soldering Iron	151-6014 ●	10.65	10.02	9.34	8.42
Spare Heater	151-6016 ●	4.58	4.30	4.01	3.62

Tips for ZD-415 Iron

0.4mm Conical	151-6021	1.02	0.94	0.88	0.81
1.0mm Conical	151-6022	1.02	0.94	0.88	0.81
2.0mm Chisel	151-6023	1.02	0.94	0.88	0.81
3.0mm Hoof	151-6025	1.02	0.94	0.88	0.81

80W Desoldering Gun**DURATOOL**

- Compatible with ZD-915 and ZD-917 Desoldering Stations

492590

Description	Order Code	1+	3+	10+	50+
ZD-552 Desoldering Gun	151-6015 ●	16.940	15.740	14.670	13.260
Spare Heater	151-6018 ●	5.150	4.870	4.570	4.100
Cleaning Tool	151-6029	0.220	0.220	0.210	0.183

Tips for ZD-552 Iron

0.8mm	151-6026	1.060	0.970	0.900	0.840
1.0mm	151-6027	1.060	0.970	0.900	0.840
1.3mm	151-6028	1.060	0.970	0.900	0.840

Ersa Soldering/De-Soldering Stations**ERSA i-CON and i-CON 2 soldering stations****Innovative solution for intelligent hand soldering**

With the i-CON, ERSA has developed a soldering station which satisfies the requirements for higher operating temperatures and the increasingly smaller process windows for lead-free soldering processes. The extremely small, light, ergonomic and powerful i-Tool soldering iron makes a significant contribution to improved quality, productivity and an enormous reduction in operating costs. As an alternative, tools for desoldering SMD components or wired components can also be fitted. The i-CON series is naturally anti-static.

- **i-Tool soldering iron with a 150 W micro-high-power heating element** This new heating technology allows the i-Tool soldering iron to quickly heat up and reheat to 350 °C from room temperature in approx. 9 secs and from standby (280 °C) in approx. 3 secs. The heating element and soldering tip are separate from one another. Extremely short distance from the handle to the tip, thin and light cable for maximum comfort.
- **i-Tips lead-free long-life soldering tips** On account of the new ERSA DUR-LF-electro-



Ersa Soldering/De-Soldering Stations - continued

ERSA i-CON and i-CON 2 soldering stations - continued

Innovative solution for intelligent hand soldering - continued

plating process, the i-Tips have a long service life and excellent tip precision.

- **Operator-friendly one-touch operation** Operator-friendly station software with online assistance and simple menu navigation by means of i-Op menu selection. Large multi-functional display
- **i-Tool calibration** The calibration data is stored on the printed circuit in the handle of the soldering iron. All i-Tools can be calibrated at a central point on account of calibration which is independent of the control station.
- **Automatic standby sensor** As soon as the i-Tool soldering iron is inserted into the support stand, said support stand identifies the i-Tool and reduces the temperature to the preselected standby temperature after the preselected standby time.
- **Energy power settings** It is possible to choose from amongst three power settings which control the heating element as a function of the required heat. At the highest setting, the system supplies the maximum power of 150 W; the power is strictly controlled and no overshooting is permitted at the low setting.
- **Process window and alarm** Visually and audibly informs the operator if the temperature departs from the preselected temperature process window
- **i-Set tool*** Further i-CON soldering stations can be automatically configured and blocked with this optional extra. The station settings can easily and quickly - for example using a USB stick - be downloaded from an i-CON to the i-Set tool and employed on a further station within 5 secs.

*Not part of the standard program; only available by special order

452480

ERSA i-CON2 OIC2000AIT twin station



Items supplied: i-CON 2 electronic station, 2 i-Tool soldering irons with 0102CDLF16 ERSADUR soldering tips, 2 0A48 support stands

Technical data: i-CON electronic station: mains voltage: 220-240 V / 50-60 Hz, secondary voltage: 24 V ~, continuous power rating: 120 W, temperature range: 150 - 450 °C

i-Tool soldering iron: voltage: 24 V~, power rating: 150 W

Mixed-component printed circuit boards can be implemented efficiently and quickly without changing tools

452512

Mfrs. List No.	Order Code	Price Each	
		1+	+
OIC2000AIT	129-9807●	415.30	--

ERSA i-CON OIC2000AC desoldering station



SMD soldering and desoldering station with the intelligent, powerful i-Tool and the versatile chip tool desoldering tweezers. The chip tool allows the smallest possible chips (0201, 0402 etc.) to medium-sized PLCCs to be reliably and quickly removed with a large selection of SMT desoldering tips (422 series)

Items supplied: i-CON 2 electronic station, i-Tool with 0102CDLF16 ERSADUR soldering tip, 0A48 support stand, chip tool desoldering tweezers with 0422MD pair of desoldering tips, 0A43 support stand

Technical data: i-CON electronic station: mains voltage: 220-240 V / 50-60 Hz, secondary voltage: 24 V ~, continuous power rating: 120 W, temperature range: 150 - 450 °C

i-Tool soldering iron: voltage: 24 V~, power rating: 150 W

Chip tool SMD desoldering tweezers: voltage: 24 V~, power rating: 2 x 20 W (350 °C)

452513

Mfrs. List No.	Order Code	Price Each	
		1+	+
OIC2000AC	129-9806●	488.16	--

ERSA i-CON OIC2000AXT desoldering station



Soldering and desoldering station with the intelligent, powerful i-Tool and the high-power X-Tool desoldering iron for desoldering wired components in conjunction with the vacuum station

Items supplied: i-CON 2 electronic station, i-Tool with 0102CDLF16 ERSADUR soldering tip, 0A48 support stand, OCU103A vacuum station, X-Tool desoldering iron with 0722 EN1223 0422MD desoldering tip, 0A44 support stand

Technical data: i-CON electronic station: mains voltage: 220-240 V / 50-60 Hz, secondary

voltage: 24 V ~, continuous power rating: 120 W, temperature range: 150 - 450 °C

i-Tool soldering iron: voltage: 24 V~, power rating: 150 W

OCU103A vacuum station: mains voltage: 230 V ac, 50-60 Hz, power rating: 45 W

X-Tool desoldering iron: voltage: 24 V~, power rating: 2 x 60 W (350 °C)

452515

Mfrs. List No.	Order Code	Price Each	
		1+	+
OIC2000AXT	129-9808●	811.86	--

Soldering Stations Analog 60 & Analog 80



- Precise temperature control
- Temperature adjustable between 150°C and 450°C
- LED indicator

- Heat up time 60s
- Multifunctional iron stand
- Ergonomic design
- Supplied with UK style and European Schuko power chord

Stations contain supply unit, soldering iron with tip and support

Technical Data:	Analog 60	Analog 80
Power rating (Watt):	80	80
Supply (Volt):	230	230
Secondary voltage (Volt):	24	24
Temperature:	150-450°C	150-450°C
Coating Tip:	Longlife Tip	Longlife Tip
Antistatic design:	No	No
Digital Display:	Yes	Yes
Shape of soldering tip:	Chisel-shaped	Chisel-shaped
Soldering tip diameter / width, mm:	2.2	2.2
Replacement soldering / desoldering iron:	0670CDJ	0810CDJ
Soldering / Desoldering tip:	Series 832 & 842	Series 832 & 842
Replacement heating element:	067100J	081100J

231475

	Order Code	Price Each
Station Analog 60	875-170	104.96
Spare Iron Basic Tool 60	776-5010	25.66
Spare Iron Basic Tool 80	776-5037	40.67

Soldering Station Analog 60A



- Precise Resistronic temperature control
- Temperature adjustable between 150°C and 450°C
- LED indicator
- 80W and 60W version available
- Heat up time 40s 80W version, 60s 60W version
- Ergonomic design
- ESD safe
- Supplied with UK style and European Schuko power chord

Station contains supply unit, soldering iron with tip 832CD and support

Technical data supply unit	
Power Supply:	230V ac @ 50/60Hz
Output:	Analog 60A 60W, Analog 80A 80W
Temp. Range:	150°C to 450°C (continuous)

Technical data soldering iron	
Supply:	24V ac
Weight:	52g
Heat up time:	Analog 60A 60s, Analog 80A 40s
Length Connection lead:	1.5m high flexible

212638

	Order Code	Price Each
Station Analogue 60A	875-193	158.02

Coming soon



Register your interest for items that are 'Coming Soon' at www.farnell.co.uk and we'll email you to let you know that they're in stock.

Digital 2000 Soldering Station



- Intelligent, microprocessor controlled soldering station
- Antistatic
- The following tools can be operated with this station: soldering irons Tech tool, Micro tool, Power tool, Pincette 40 desoldering tweezers and X-Tool desoldering iron
- User friendly
- Temperature is controlled by a digital PID algorithm

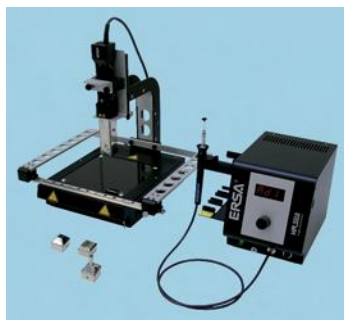
- PTC heating element
- Multi-functional support stand
- Temperature adjustable between 50°C-450°C

Package: **Digital 20 A 84**
Electronic station DIG 203 A
Soldering iron Power tool
Supporting stand A 29
Power: 80W/230V
Heat-up time: ca. 40s
(Ambient temperature auf 280°C)

Digital 20 A 64
Electronic station DIG 203 A
Soldering iron Tech tool
Supporting stand A 29
80W/230V
ca. 12s

246958

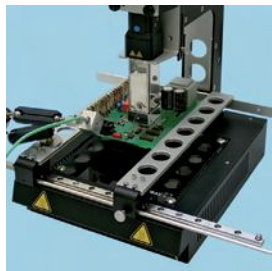
Package	Order Code	Price Each
Digital 20A 64	351-1340	216.44
Digital 20A 84	351-1352	209.57

Hybrid Rework System HR 100 A
Revolutionary Hybrid Rework Technology

Advantages of Hybrid Technology:

- Low cost & easy to use
- Hybrid technology combines safe IR-radiation and convection
- Uniform heating with minimal air movement and turbulence
- No chip blowing; low noise rework blower (below 40db)
- Designed for beginners & advanced operators
- Widest range of components with only three Hybrid Adaptors
- Powerful 800 W Safe IR-heating plate for preheating of thick substrates (IRHP100A)

The new HR 100A uses ERSA's revolutionary Hybrid Rework Technology (patent pending) for the safest removal and replacement of small SMDs in a lead free environment! Safe, medium wave IR-radiation combined with a gentle hot air stream guarantees optimal energy transfer to the component. The Hybrid Tool delivers smooth and homogeneous heat to lead free components sizing from 0201s to 20 x 20 mm SMDs. Exchangeable Hybrid Adaptors focus 200 W of hybrid heating power onto the component while protecting neighbouring areas from heat damage. The user friendly operation allows for even non experienced operators to handle the HR 100 A safely and quickly. Advanced operators using the HR/IRHP 100A complete system can not only set air volume and heating power, but they can also run & record profiles! The ergonomically designed Hybrid Tool handle contains a positioning laser which helps the operator to focus the heat precisely throughout the entire process. With the ERSA VacPen attached to the basic unit, safe component handling is ensured. Via the Mini-USB port, the HR 100A can be connected to ERSA's top of the line and well established rework software, ERSA IRSoft. IRSoft provides multiple functions to operate the system, set and store process parameters and document all soldering or desoldering results. The HR 100 A has been designed to be used with the IRHP 100A, an 800 W IR-heating plate. This complete set provides powerful & safe IR bottom side heating as well as a Z-axis tool stand for the Hybrid Tool and an x-y PCB board holder. The K-type thermocouple included monitors PCB temperature and even allows for a closed loop soldering processes with ramp profiles. The HR/IRHP 100A set fulfils all needs of a modern Rework System: provides highest flexibility at the lowest cost!



Technical Highlights:

- Hybrid Tool with 200 W combined Infrared and convection heating element
- Three exchangeable Hybrid Adaptors (6 x 6 mm, 10 x 10 mm & 20 x 20 mm)
- Positioning laser in the Hybrid Tool handle
- HR 100A station controls Hybrid Tool with integrated vacuum pump and VacPen, tool holder and K-Typ TC input socket, Mini USB interface, 7-segment LED- display, single knob Turn & Push control and connection socket for optional heating plate
- K-type thermocouple AccuTC and Flexpoint TC holder (optional)
- ERSA IRSoft Rework Control- and Documentation software (optional)
- 800 W IR-heating plate with glass cover, 125 x 125 mm high performance heating element, Z axis adjustable tool holder and x-y PCB board holder to precisely fix PCBs up to 290 x 250mm (IRHP100A)

- Antistatic surface, suited for the application in ESD areas, EMV-tested
- CE Conformity

Hybrid rework system HR 100A, basis station
Mains voltage 220-240 VAC
Mains frequency 50-60 Hz
Fuse (slow-blow) 2 A
Secondary voltage 13 VAC
Maximum heating power 200 W
Safety class I
Ambient temperature 0 - 40°C
Temperature range (air outlet) 30 - 550°C
Function display LED-Display
PC-interface Mini USB
Vacuum pressure -0,2 to -0,4 bar
Dimensions 211 x 220 x 168 mm
Weight 4,5 kg
Supply line 2m, PVC, with connector
Single-knob control via incremental encoder

Heating plate IRHP100A
Mains voltage 220-240 VAC
Mains frequency 50-60 Hz
Fuse (slow-blow) 4 A
Maximum heating power 800 W
Safety class I
Dimensions
Basis station 211 x 220 x 168 mm
Heating plate 200 x 260 x 53,5 mm
Height of tool attachment 214,5 mm
Circuit board holder 330 x 250 mm
Weight 2,5 kg
Supply line 2m, PVC, with connector,
Control line with RCA(Cinch)-connector

505769

Hybrid Rework System with Heating Plate OIRHR100A-HP
Hybrid Rework System OIRHR100A

Order Code
155-3433●
155-3435●

Price Each
3,795.00
1,665.00

High-Speed Soldering Gun
MULTI-SPRINT

An unusually light and transformer-independent solder gun with PTC heating element providing high heat-up rating. The ERSA DUR long-life soldering tip is only heated as long as the button is pressed. Thanks to the very short heating times it is ideal for high-speed series soldering. The heat supply can be adapted to the soldering requirements by periodically pressing the button.

The internally heated soldering tip ensures high performance. The Multi-Sprint is ideal for assemblies and repairs requiring a rating from 15 - 100 W. Supplied with long-life tip 0832ED.

Technical Details:

Power rating: ca. 75W
Preheating time: ca. 20 s.

Technical Details:

Weight (without cable): ca. 100 g
Voltage: 230V

311421

Mfrs. List No.	Order Code	1+	3+	5+
MULTI-SPRINT soldering gun	134-0719●	25.87	24.57	23.30

Ersa Tips & Accessories

SMD Tip Holder SMD8012



- Fully populated tip holder
- Space saving organizing of soldering/desoldering tips

Kit Contains:

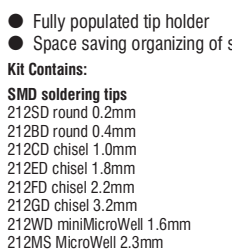
SMD soldering tips
212BD Chisel 0.4mm
212CD Chisel 1.0mm
212ED Chisel 1.8mm
212KD Long Chisel 1.8mm

SMD desoldering tips
422ED 6mm for SOIC8
422FD1 10mm for SOIC16
422FD2 15mm for SOIC24
422QD1 12.5mm for PLCC28
422QD3 17.5mm for PLCC44
422QD4 20mm for PLCC52
422QD2 25mm for PLCC68
422MD for MELFs and MiniMELFs

212647

Mfrs. List No.	Order Code	Price Each
SMD 8012	874-656	240.45

SMD Tip Holder SMD8013



- Fully populated tip holder
- Space saving organizing of soldering/desoldering tips

Kit Contains:

SMD soldering tips
212SD round 0.2mm
212BD round 0.4mm
212CD chisel 1.0mm
212ED chisel 1.8mm
212FD chisel 2.2mm
212GD chisel 3.2mm
212WD miniMicroWell 1.6mm
212MS MicroWell 2.3mm

SMD desoldering tips
422ED for SOIC8
422FD1 for SOIC16
422FD4 for SOIC20
422FD2 for SOIC24
422FD5 for SOIC28
422FD6 for SOIC32
422QD5 for PLCC20
422QD3 for PLCC44
422SD for MicroMELF
422MD for MELFs and MiniMELFs

212648

Mfrs. List No.	Order Code	Price Each
SMD8013	306-1036	289.93

Over 480,000 products online



Ersa Tips & Accessories - continued

ERSADUR Soldering Tips 842 Series

for increased heat requirement

Suitable for:

- ANALOG 60 / 60A
- ANALOG 80 / 80A
- DIGITAL 2000A with soldering gun Power tool
- DIGITAL 80A
- ELS 8000 / M / D
- Micro-Con 60iA with soldering gun Power tool
- MS 6000
- MS 8000 / D
- Twin 80A with soldering gun Ergo tool



Mfrs. List No.	Description	Order Code
842 SD	pencil point, 0,8mm \varnothing , elongated	306-1061
842 BD	pencil point, 1,0mm \varnothing	306-1085
842 YD	chisel-shaped, 1,6mm	306-1097
842 CD	chisel-shaped, 2,2mm	306-1115
842 KD	chisel-shaped, 2,2mm, elongated	306-1127
842 ED	chisel-shaped, 3,2mm	306-1140
842 ID	pencil point, 0,4mm \varnothing , angled	306-1152
842 JD	chisel-shaped, 2,2mm, angled	306-1176

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Mfrs. List No.	Order Code	1+	5+	10+
842 SD	306-1061	8.07	7.66	7.25
842 BD	306-1085	8.07	7.66	7.25
842 YD	306-1097	8.01	7.61	7.20
842 CD	306-1115	8.07	7.66	7.25
842 KD	306-1127	8.01	7.61	7.20
842 ED	306-1140	8.07	7.66	7.25
842 ID	306-1152	9.22	8.76	8.30
842 JD	306-1176	9.03	8.58	8.12
New LF-ERSADUR Soldering tips				
0842BDLF/SB	112-0048	10.82	9.83	9.01
0842CDLF/SB	112-0051	7.82	7.28	6.79
0842EDLF/SB	112-0052	10.82	9.83	9.01
0842SDF/SB	112-0053	10.82	9.83	9.01
0842UDLF/SB	112-0054	7.82	7.28	6.79

ERSADUR Soldering and Desoldering Tips 832 Series

Suitable for:

- ANALOG 60 / 60A
- ANALOG 80 / 80A
- DIGITAL 2000A with Soldering gun Power tool
- DIGITAL 80A
- ELS 8000 / M / D
- MICRO-CON 60iA with Soldering gun Power tool
- MS 6000
- MS 8000 / D
- Multi-Pro
- Multi-Sprint
- Multi-TC
- RDS80
- TWIN 80A with soldering gun Ergo tool



Mfrs. List No.	Description	Order Code
832UDLF/SB	pencil point, 0,4mm \varnothing , elongated	112-0045
832SDF/SB	pencil point, 0,8mm \varnothing , elongated	112-0042
832BDF/SB	pencil point, 1,0mm \varnothing	112-0032
832YDLF/SB	chisel-shaped, 1,6mm	112-0047
832CDLF/SB	chisel-shaped, 2,2mm	112-0033
832KDLF/SB	chisel-shaped, 2,2mm, elongated	112-0038
832EDLF/SB	chisel-shaped, 3,2mm	112-0034
832FDLF/SB	angled face, 2,0mm	112-0035
0832TDLF/SB	angled face, 3,0mm	112-0044
832NDLF/SB	angled face, 4,0mm	112-0041
832VDF/SB	chisel-shaped, 5,0mm	112-0046
832GDLF/SB	angled face, 14mm, 35° angle	112-0036
832MDLF/SB	beidseitig angeschrägt, 8mm	112-0040

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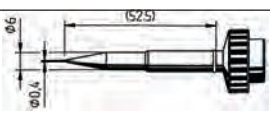
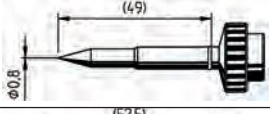
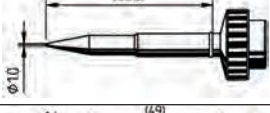
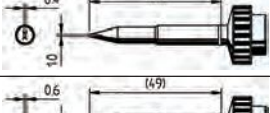
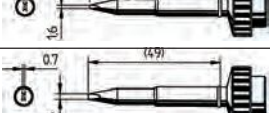
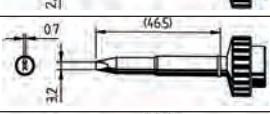
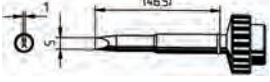
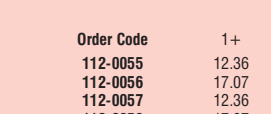
Mfrs. List No.	Order Code	1+	5+	10+
0832BDF/SB	112-0032	5.25	4.83	4.50
0832CDLF/SB	112-0033	5.25	4.83	4.50
0832EDLF/SB	112-0034	5.25	4.83	4.50
0832FDLF/SB	112-0035	11.05	10.19	9.45
0832GDLF/SB	112-0036	9.21	8.51	7.88
0832KDLF/SB	112-0038	5.11	4.70	4.38
0832MDLF/SB	112-0040	9.21	8.51	7.88
0832NDLF/SB	112-0041	10.90	10.05	9.32
0832SDF/SB	112-0042	5.25	4.83	4.50
0832TDLF/SB	112-0044	10.90	10.05	9.32
0832UDLF/SB	112-0045	5.25	4.83	4.50
0832VDF/SB	112-0046	8.84	8.16	7.58
0832YDLF/SB	112-0047	5.25	4.83	4.50

LF-ERSADUR Soldering Tips 612 Series



Suitable for:

- CPS 60.10
- DIGITAL 60A
- DIGITAL 2000A with Soldering gun Tech tool
- MICRO-CON 60iA with Soldering gun Power tool

Mftrs. List No.	Description	Order Code
0612SD-LF	 pencil point, 0.4mm \varnothing	112-0063
0612UD-LF	 pencil point, 0.8mm \varnothing	112-0064
0612BD-LF	 pencil point, 1.0mm \varnothing	112-0056
0612CD-LF	 chisel-shaped, 1.0mm	112-0057
0612AD-LF	 chisel-shaped, 1.6mm	112-0055
0612KD-LF	 chisel-shaped, 2.4mm	112-0061
0612ED-LF	 chisel-shaped, 3.2mm	112-0058
0612GD-LF	 chisel-shaped, 5.0mm	112-0060

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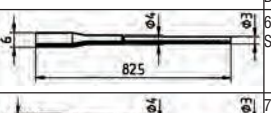
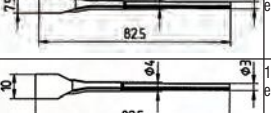
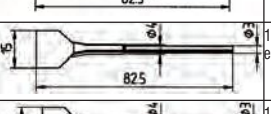
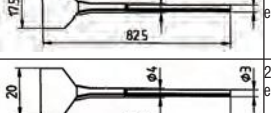
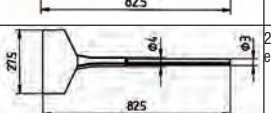
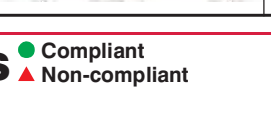

Mftrs. List No.	Order Code	1+	5+	10+
0612ADLF/SB	112-0055	12.36	11.47	10.71
0612BDLF/SB	112-0056	17.07	15.52	14.22
0612CDLF/SB	112-0057	12.36	11.47	10.71
0612EDLF/SB	112-0058	17.07	15.52	14.22
0612GDLF/SB	112-0060	17.07	15.52	14.22
0612KDLF/SB	112-0061	17.07	15.52	14.22
0612SDF/SB	112-0063	12.36	11.47	10.71
0612UDLF/SB	112-0064	12.36	11.47	10.71

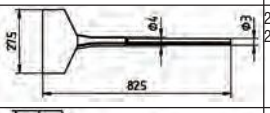
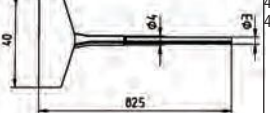
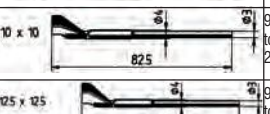
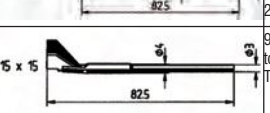
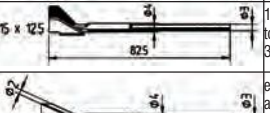
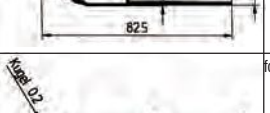
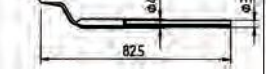
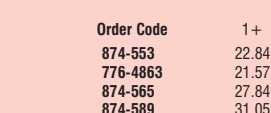
ERSADUR Desoldering Tips Sets 422 Series



Suitable for:

- DIG 2000A with SMD-Desoldering Tweezers 40
- MICRO-CON 60iA with SMD-Desoldering Tweezers 40
- REWORK 80
- SMD 8000
- SMT UNIT 60A /AS with Desoldering Tweezers 40

Mftrs. List No.	Description	Order Code
422 ED	 6mm, to be used with e.g. SOIC 8	874-553
0422FD3	 7.5mm, to be used with e.g. SOIC 12 / SOT 23	776-4863
422 FD1	 10mm, to be used with e.g. SOIC 16	874-565
422 FD2	 15mm, to be used with e.g. SOIC 24	874-589
0422FD5	 17.5mm, to be used with e.g. SOIC 28	776-4871
0422FD6	 20mm, to be used with e.g. SOIC 32	776-4880
0422FD7/SB	 25mm, to be used with e.g. SOIC 40	155-3438

Mftrs. List No.	Description	Order Code
0422FD8	 27.5mm, to be used with 27.5mm long components	776-4898
0422FD9	 40mm, to be used with 40mm long components	776-4901
0422QD5	 90° Angle, 10mm, to be used with e.g. PLCC 20	776-4910
422 QD1	 90° Angle, 12.5mm, to be used with e.g. PLCC 28	874-590
0422QD6	 90° Angle, 15mm, to be used with e.g. QFP, TQFP, and TQFP 0T25	776-4928
0422RD2	 15 x 12.5mm to be used with e.g. PLCC 32	776-4944
422 MD	 elliptical-shaped, for MELF and MINIMELF	874-632
422 SD	 for MICROMELF	874-644

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Mftrs. List No.	Order Code	1+	5+	10+
422 ED	874-553	22.84	21.70	20.56
0422FD3	776-4863	21.57	20.72	19.85
422 FD1	874-565	27.84	26.45	25.06
422 FD2	874-589	31.05	29.50	27.94
0422FD5	776-4871	26.50	25.44	24.38
0422FD6	776-4880	27.31	26.22	25.14
0422FD7/SB	155-3438	36.40	34.65	32.93
0422FD8	776-4898	28.99	27.83	26.68
0422FD9	776-4901	31.87	30.60	29.33
0422QD5	776-4910	33.00	31.69	30.37
422 QD1	874-590	36.58	32.94	32.93
0422QD6	776-4928	31.18	29.95	28.70
0422RD2	776-4944	34.20	32.85	31.48
422 MD	874-632	21.33	20.26	19.19
422 SD	874-644	25.14	23.88	22.61

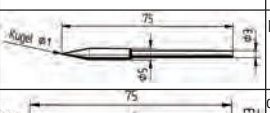

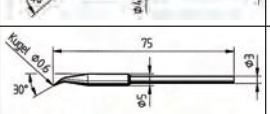
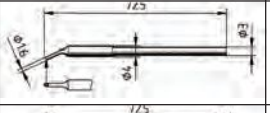


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ERSADUR Soldering Tips Serie 212



Suitable for:

- ANALOG 20 a
- Digital 2000 A with soldering iron Micro tool
- MICRO-CON 60iA with soldering iron Micro tool
- REWORK 80
- SMT UNIT 60 A / AS
- TWIN 40 A / AS
- TWIN 80 A with soldering iron Micro tool

Mftrs. List No.	Description	Order Code
0212AD	 pencil point, 1.0mm \varnothing , boosted	776-4782
0212FD	 chisel-shaped 2.2mm, reinforced	776-4790
0212RD	 pencil point, 0.2mm bent	776-4820
0212ID	 bent, 0.6mm, reinforced	776-4804
0212WD	 Mini-MicroWell, 1.6mm	776-4839
212 MS	 MicroWell, 2.3mm	874-541

Ersa Tips & Accessories - continued

ERSADUR Soldering Tips Serie 212 - continued

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Mfrs. List No.	Order Code	1+	5+	10+
0212AD	776-4782	5.51	5.30	5.05
0212FD	776-4790	5.51	5.30	5.05
0212RD	776-4820	8.46	8.13	7.79
0212ID	776-4804	7.39	7.10	6.80
0212WD	776-4839	25.39	24.37	23.36
212 MS	874-541	18.49	17.56	16.63
New LF-ERSADUR Soldering tips				
0212ADLF/SB	112-0065	10.92	9.92	9.10
0212BDLF/SB	112-0066	8.93	8.12	7.44
0212CDLF/SB	112-0067	8.93	8.12	7.44
0212EDLF/SB	112-0068	8.93	8.12	7.44
0212FDLF/SB	112-0069	10.92	9.92	9.10
0212KDLF/SB	112-0070	8.93	8.12	7.44
0212SDLF/SB	112-0071	11.81	10.74	9.84

ERSA i-Tip Soldering Tips

with long-life ERSADUR plating, for the i-Tool



The new i-Tips are specially plated with the new ERSADUR-LF galvanic process lasting 2 to 3 times longer than standard tips!

- Improved tip precision
- More iron plating
- Improved tip life

Mfrs. List No.	Description	Order Code
0102PDLF02/SB	Pencil, 0,2mm	120-3966

0102PDLF04/SB	Pencil, 0,4mm	120-3967
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0102PDLF07/SB	Pencil, 0,7mm	120-3968
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0102PDLF10/SB	Pencil, 1,0mm	120-3969
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0102CDLF12/SB	Chisel, W: 1,2mm	120-3970
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0102CDLF16/SB	Chisel, W: 1,6mm	120-3971
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0102CDLF20/SB	Chisel, W: 2,0mm	120-3972
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0102CDLF24/SB	Chisel, W: 2,4mm	120-3973
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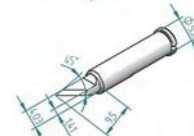
0102CDLF32/SB	Chisel, W: 3,2mm	120-3974
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0102CDLF50/SB	Chisel, W: 5,0mm	120-3975
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Mfrs. List No.
0102ADLF20/SB



0102BDLF20/SB



0102WDLF16/SB



0102WDLF23/SB



0102WDLF35/SB



Description
angled face, L: 2,0mm

Order Code
120-3977

PLCC Knife 120-3979

Solder well L: 1,6mm 120-3980

Solder well L: 2,3mm 120-3981

Solder well L: 3,5mm 120-3982

435541

Mfrs. List No.	Order Code	1+	5+	+
0102PDLF02/SB	120-3966	6.83	6.62	--
0102PDLF04/SB	120-3967	6.83	6.62	--
0102PDLF07/SB	120-3968	6.83	6.62	--
0102PDLF10/SB	120-3969	6.12	5.91	--
0102CDLF12/SB	120-3970	6.83	6.62	--
0102CDLF16/SB	120-3971	6.12	5.91	--
0102CDLF20/SB	120-3972	6.83	6.62	--
0102CDLF24/SB	120-3973	6.83	6.62	--
0102CDLF32/SB	120-3974	6.83	6.62	--
0102CDLF50/SB	120-3975	6.83	6.62	--
0102ADLF20/SB	120-3977	7.95	7.64	--
0102BDLF20/SB	120-3979	7.95	7.64	--
0102WDLF16/SB	120-3980	13.96	13.46	--
0102WDLF23/SB	120-3981	13.96	13.46	--
0102WDLF35/SB	120-3982	13.96	13.46	--
Spare i-Tip-Fastener 3IT1040-00	120-3983	2.55	2.45	--

OKI/Metcal Soldering/De-Soldering Stations

SmartHeat® Technology

Explanation Text



Tip Cartridge replacement



Tip Cartridge showing solder tip, heater & wire coil

SmartHeat® Technology

Maintains a constant tip temperature, automatically delivering the exact amount of power required for the task directly from the heater to the joint. Metcal Tip Cartridges detect the thermal load and instantly adjust the power in order to deliver the right amount of heat where it is needed. The tip temperature is determined by the particular series of tip cartridge selected. The tip cartridge contains the solder tip, a heater and the wire coil and **no calibration is required**. SmartHeat® self-regulates the tip temperature to within $\pm 1.1^{\circ}\text{C}$ of a set point regardless of thermal load, and without any need for adjustment.

Tip Cartridges

The temperature is determined by selecting either a 600 series (600°F, 330°C) or a 700 series (700°F, 390 °C)

Trouble-Free Tip Replacement

The heat resistant pad (supplied with the systems) allows you to easily insert and remove the tip cartridge.

339331.410644

PS-800E SmartHeat® Soldering System



The PS-800E Soldering System is a new soldering system specifically designed for repetitive hand soldering applications. By combining the power and superior process control advantages with the specific price/performance needs of mass production customers, the PS-800E delivers Metcal's SmartHeat® technology at lower costs. The compact power supply fits on or under the bench. In addition, the PS-800E Soldering System requires no calibration.

The Soldering System employs replaceable heater tips rather than cartridges, making cost of ownership extremely competitive. The unique two-piece design separates the coil from the heater tip. The long-life coil remains in the handle, while replaceable heater tips are easily removed and replaced.

The PS-800E comes with a wattage heater, and has a tool stand that has a magnetic function which puts the tool in to stand by when not in use.

- Compact design
- Unique two-piece tip design
- No calibration
- Suitable for repetitive hand soldering applications
- SmartHeat® technology
- Meet Lead Free higher temperature requirements

Contents: System includes power supply with power cord, hand-piece with cord, workstand with sponge and cartridge removal pad

Note: Uses SFV-xxxx series tips

Supply Voltage	90-240 V ac	50-60Hz	Power Output	35W
Power Consumption	50W		Dimensions (HxWxD)	100x70x161mm

450659

Description	Mfrs. List No.	Order Code	Price Each
Soldering Station Kit	PS-800E	127-7186●	164.43
Replacement Accessories			
Coil Assembly	PS-CA2	127-7187●	17.50
Soldering Handpiece + Coil	PS-HC2	127-7188●	52.50
Autosleep Workstand with Sponge	WS2	134-1343	28.68

PS-900 SmartHeat® Soldering System



The PS-900 is a fixed temperature Soldering Station that varies power to match the thermal demand of the device being soldered. **SmartHeat® Technology** provides an exceptionally fast response when under load while eliminating the potential for thermal overshoot. The result is a high quality solder joint formed at safe, controlled temperatures.

New

The PS-900 increases productivity by performing a wide range of applications. It is suited for lead-free soldering processes, multilayer boards and thermally demanding components. What's more, SmartHeat technology enables the PS-900 to solder at lower temperatures, even for such demanding applications as lead-free soldering processes. This means operators are more productive and materials are safe from damaging temperatures.

- Compact design
- Rugged cast aluminum housing
- SmartHeat® Temperature Control
- Autosleep Workstand
- Low cost, quick-change heater coil
- Added plating thickness to tips

Contents: System includes power supply with power cord, hand-piece with cord, workstand with sponge and cartridge removal pad

Note: Uses SFV-xxxx series tips

Supply Voltage	100-240	50-60Hz	Power Output	60W
Power Consumption	90W		Dimensions (HxWxD)	115x80x160mm

503936

Description	Mfrs. List No.	Order Code	Price Each
Soldering Station Kit	PS-900	156-0738●	139.00
Replacement Accessories			
Coil Assembly	PS-CA3	156-0739●	17.50
Soldering Handpiece + Coil	PS-HC3	156-0740●	42.00
Autosleep Workstand with Sponge	WS2	134-1343	28.68

SP200 SmartHeat® Soldering Station



An ideal choice for both large and small companies. For use on through-hole soldering and surface mount touch-up benches.

- Uses SmartHeat® technology - Maintains a constant tip temperature, automatically delivering the exact amount of power required for the task directly from the heater to the tip
- The **tip temperature** is determined by the particular series of tip cartridge selected
- Tip cartridge contains the solder tip, a heater and the wire coil

- No calibration required
- 230Vac operation
- UK And European mains plugs

System includes: Power unit, soldering handpiece, workstand with sponge, and tip cartridge removal pad

Note: Tip Cartridge for the handle not supplied, see Metcal SSC-xxxA types, 600 series (330°C) or 700 series (390°C)

337983

Description	Mfrs. List No.	Order Code	Price Each
Soldering Station	SP200-21	495-0379	240.00
Replacement Accessories			
ESD Solder Handle W/CP2	SP-HC1	495-0460	45.60
Workstand with sponge	WS1	134-1341	45.00
Sponge	AC-YS3	495-0483	0.74

MFR-1110 SmartHeat® Soldering Station



New



43

The MFR Series uses Metcal SmartHeat® technology to deliver the power required for lead-free connections. SmartHeat's variable power technology instantaneously senses and continuously delivers the precise thermal energy to the pad, yielding high quality solder joints while protecting sensitive components from damage.

- Powered by Metcal SmartHeat® technology
- Mains and Hand piece Ground Detection
- Auto Sleep stand for extended tip life
- Brass cleaning pad for removal of lead free solder tarnish
- Automatic power down when idle
- Small shaft diameter provides access to tightly cramped rework areas
- Compatible with hand piece 1629932 Rework tweezers
- MFR-1110, uses SFP-*** series tips

Contents: Control unit, soldering and rework handpiece and soldering workstand.

518637

Description	Mfrs. List No.	Order Code	Price Each
Soldering Station	MFR-1110	162-9771●	190.00
Replacement Accessories			
Soldering / Rework Hand-piece	MFR-H1-SC	162-9933●	50.00
Workstand with sponge	WS1	134-1341	45.00

Troubleshooting tips



Chat live online to one of our technical engineers at www.farnell.co.uk



OKI/Metcal Soldering/De-Soldering Stations - continued

MFR-2210 Soldering and Rework System



The MFR Series uses Metcal SmartHeat® technology to deliver the power required for lead-free connections. SmartHeat's variable power technology instantaneously senses and continuously delivers the precise thermal energy to the pad, yielding high quality solder joints while protecting sensitive components from damage.

- Powered by Metcal SmartHeat® technology
 - Mains and Hand piece Ground Detection
 - Auto sleep work stand for extended tip life with lead free
 - Both handpieces simultaneously powered
 - Automatic power down when not in use
 - Brass cleaning pad for removal of lead free solder tarnish
 - Small shaft diameter provides access to tightly cramped rework areas
 - **Note:** MFR-H2-ST handpiece uses SFP-*** series tips
 - **Note:** MFR-H1-SC handpiece uses SFV-*** series tips
- Contents: Control unit, soldering and rework handpiece (MFR-HSR) and soldering workstand.

Contents: Control unit, soldering and rework handpiece (MFR-H1-SC) and soldering workstand

518780

Description	Mfrs. List No.	Order Code	Price Each
Solder/Rework Station	MFR-2210	162-9930●	275.00
Replacement Accessories			
Soldering / Rework Handpiece	MFR-H1-SC	162-9933●	50.00
Optional Accessories			
Soldering Hand-piece	MFR-H2-ST	162-9934●	50.00
Workstand with sponge	WS1	134-1341	45.00
Precision Tweezer Hand-piece	MFR-H4-TW	162-9932●	108.00

MFR-2241 Precision Tweezer, Soldering and Rework System



- Powered by Metcal Smart-Heat® technology
- Mains and Hand-piece Ground Detection
- Brass cleaning pad for removal of lead free solder tarnish
- Auto sleep work stand for extended tip life with lead free
- Both handpieces simultaneously powered
- Automatic power down when

not in use

- Small shaft diameter provides access to tightly cramped rework areas
- Tweezer designed to be lightweight and easy to use
- Removes even the smallest of discrete components, such as 0201 packages
- Double sided pivot for 'true tweezer' action and a dual position pitch adjustment
- Tip precision alignment action ensures tips are always parallel
- 220/240 VAC, 50/60Hz
- Tips for MFR-H1-SC Hand-piece: see SFP-Series
- Tips for MFR-H4-TW Precision Tweezer Handpiece: see TFP-Series

The above mentioned tips are designed for use with glass fibre (FR4) PCB substrates. The MFR-2241 Precision Tweezer Soldering and Rework System includes: MFR-2200 Dualport universal voltage power supply, MFR-H4-TW Precision Tweezer Handpiece, MFR-WSPT Tweezer Work stand, MFR-H1-SC cartridge solder/rework handpiece, WS1 soldering auto sleep work stand.

518779

Description	Mfrs. List No.	Order Code	Price Each
Precision Tweezer, Soldering and Rework System	MFR-2241	162-9929●	415.00
Replacement Accessories			
Precision Tweezer Hand-piece	MFR-H4-TW	162-9932●	108.00
Soldering / Rework Hand-piece	MFR-H1-SC	162-9933●	50.00
Workstand with sponge	WS1	134-1341	45.00

MX-500 Soldering, Desoldering & Rework Systems



MX-500S - SMT Soldering/Rework



MX-500TS - SMT Rework/Talon® tweezers



MX-500DS - SMT Desoldering/Rework

At the heart of the MX-500 Systems shown here is the **MX-500P Two Port** switch mode power supply. The systems available share some common features but differ in the actual handpieces and accessories supplied.

The systems can handle both SMT and through-hole soldering/rework with one power supply on the bench. The two switchable outputs, the system can be adapted, using two of the three tools available (soldering iron, Talon® tweezers or desolder gun). Some of the items that are supplied with the systems are available to be purchased separately.

- Uses **SmartHeat®** technology - Maintains a constant tip temperature, automatically delivering the exact amount of power required for the task directly from the heater to the tip
- **Comfortable handpieces** - The short tip-to-grip distance improves precision and provides a comfortable grip
- The **tip temperature** is determined by the particular series of tip cartridge selected
- Tip cartridge contains the solder tip, a heater and the wire coil
- No calibration required
- 230V ac operation

MX-500S - SMT Soldering and Rework

Supplied with a MX-RM3E handpiece and cord

MX-500TS - SMT Rework/Talon® System

The easy-squeeze design of the Talon® tweezers provides superior performance, comfort and optimum control

MX-500DS - SMT Desoldering/Rework System

Converts **shop air** into a powerful Venturi vacuum to clean through-holes quickly and efficiently. Paper solder collection liners within the handpiece barrel are easy to maintain and are an improvement upon traditional glass tubes.

Note: Requires shop air for desoldering

CONTENTS OF EACH SYSTEM				
MFTRS. LIST NO.	DESCRIPTION	MX-500S	MX-500TS	MX-500DS
MX-500P	Two Port Power Supply	●	●	●
MX-RM3E	Hand Piece & Cord	●	●	●
AC-YS3	Sponge	●	●	x 2
AC-CP2	Cartridge Removal Pad	●	●	x 2
MX-TALON	Talon Hand Piece & Cord		●	
WST	DS1/Talon Workstand with Sponge		●	●
MX-DS1	Desoldering Hand Piece			●
MX-RM8E	Desoldering Cord			●
MX-DAH4	ESD Air Hose with Fitting			●
AC-CB1	Cleaning Brush			●
AC-CB2	Tube Cleaning Brush			●
MX-DCFI	Chamber Liner & Filter Pack			●
AC-TC	Desoldering Tip Cleaner			●

Tip Cartridges sold separately for each system

TIPS FOR THE HANDPIECES - SEE WEBSITE

339323

Mfrs. List No.	Description	Order Code	Price Each
MX-500S-21	Solder/Rework Station	495-0343	310.00
MX-500TS-21	Solder/Rework Station	495-0355	565.00
MX-500DS-21	Solder/Rework Station	495-0367	610.00
Replacement Accessories			
MX-RM3E	Hand Piece & Cord	495-0380	68.00
WS1	Workstand with sponge	134-1341	45.00
AC-YS3	Sponge	495-0483	0.74
MX-TALON	Talon Hand Piece & Cord	495-0392	205.00
WST	DS1/Talon Workstand with Sponge	495-0458	35.00
MX-DS1	Desoldering Hand Piece	495-0409	180.00
MX-RM8E	Desoldering Cord	495-0410	75.00
MX-DCFI	Chamber Liner & Filter Pack	495-0434	11.11
AC-TC	Desoldering Tip Cleaner	495-0422	5.50

MFR-SRC Soldering and Rework System



The MFR Series uses Metcal SmartHeat® technology to deliver the power required for lead-free connections. Smartheat's variable power technology instantaneously senses and continuously delivers the precise thermal energy to the pad, yielding high quality solder joints while protecting sensitive components from damage.

- Powered by Metcal SmartHeat® technology
- Mains and Hand piece Ground Detection
- Hand Piece motion sensors for extended tip life with lead free
- Brass cleaning pad for removal of lead free solder tarnish
- Automatic power down and stand by modes
- Small shaft diameter provides access to tightly cramped rework areas
- **Note:** MFR-HSR handpiece uses SFP-*** series tips
- **Note:** MFR-HPS handpiece uses SFV-*** series tips

Contents: Control unit, soldering and rework handpiece (MFR-HSR) and soldering workstand.

450657

Description	Mfrs. List No.	Order Code	Price Each
Solder/Rework Station	MFR-SRC	127-7174●	314.64
Replacement Accessories			
Soldering / Rework Handpiece	MFR-HSR	116-1558●	52.20
Optional Accessories			
Soldering Handpiece	MFR-HPS	127-7176●	59.40

MFR-PTZ Precision Tweezer, Soldering and Rework System



- Powered by Metcal SmartHeat® technology
- Mains and Hand-piece Ground Detection
- Hand-piece motion sensors for extended tip life with lead free
- Brass cleaning pad for removal of lead free solder tarnish
- Automatic power down and stand-by modes
- Small shaft diameter provides access to tightly cramped rework areas
- Tweezer designed to be lightweight and easy to use
- Removes even the smallest of discrete components, such as 0201 packages
- Double sided pivot for 'true tweezer' action and a dual position pitch adjustment
- Tip precision alignment action ensures tips are always parallel
- 220/240 VAC, 50/60Hz
- Tips for MFR-HSR Hand-piece: see SFP-Series
- Tips for MFR-HPT Precision Tweezer Handpiece: see TFP-Series

The above mentioned tips are designed for use with glass fibre (FR4) PCB substrates. The MFR-PTZ Precision Tweezer Soldering and Rework System includes: MFR-PS1K: Two Port Universal Voltage Power Supply; MFR-HPT: Precision Tweezer Hand-Piece; MFR-WSP: Tweezer Workstand; MFR-HSR: Cartridge Solder / Rework Hand-piece; MFR-WSSR: Soldering Workstand

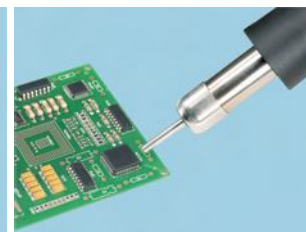
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Description	Mfrs. List No.	Order Code	Price Each
Precision Tweezer, Soldering and Rework System	MFR-PTZ	116-1523●	415.00
Replacement Accessories			
Precision Tweezer Hand-piece	MFR-HPT*	116-1557●	108.00
Cartridge Solder / Rework Hand-piece W/Cord	MFR-HSR*	116-1558●	52.20
Soldering Workstand	MFR-WSSR	116-1560	32.00
			Price per Pack
Sponge (Pack of 10)	AC-Y10	116-1553	11.50
Brass Pad (Pack of 10)	AC-BP	116-1551	5.22

* Compatible with the MFR-PTZ and MFR-DSI Systems

HCT-900 Hand Held Convection Tool

SMT Component Rework (Soldering/De-Soldering)



H-D Series Nozzle illustrated

The HCT-900 hand held convection tool is a versatile rework solution for a wide variety of production and rework application challenges. It has a simple, compact robust design comprising of analog controls for both airflow and heat.

The HCT-900 can be used for the removal and refitting of electronic components, including lead-free, from 0201 up to 304 pin QFP. It is also effective at reworking pin in-hole devices such as sockets and connectors. And, using it with solder braid and flux is a fast and efficient way to remove solder shorts and splashes. It can also be used in plastic applications such as applying shrink wrap to components or the formation of plastic rivets.

- Closed-loop thermocouple feedback control delivers repeatable heating based on the setting programmed regardless of airflow control
- Settings can be replicated for applications
- Low noise heavy duty air pump delivers airflow control for the most demanding applications
- Power off cool down functions retains airflow while unit powers down for heat and airflow (individually adjustable)
- Fully ESD compliant

Contents: Control unit, hand tool, H-D50 5mm nozzle

Supply Voltage	220V ac ac 50Hz	Temperature Range	100°C - 500°C
Power Rating	400W	Dimensions (HxWxD)	140x170x210mm
Air Pump Type	Diaphragm	Noise Level	<46 dBA
Air Flow	6-25 Litres/min.	Weight	4.7kg

417101

Description	Mfrs. List No.	Order Code	Price Each
Soldering/De-Soldering Station	HCT-900-21	101-5504●	383.00

PCT-100 Convection Pre-heater



This new pre-heater targets heat for improved speed and efficiency for high thermal demand applications, including lead-free. Used for SMT and through-hole hand processes, the PCT-100 uses convection air heating to heat a PCB first, for better soldering, improved process control and increased productivity.

- Accelerates and enhances the lead-free SMT & through-hole rework process
- Temperature ramps up quickly, maximizing productivity
- Adjustable knob controls the required temperature to below 300°C
- Controlled cool-down eliminates thermal shock to PCB and components
- Thermocouple feedback temperature control regulates output temperature
- System safety feature automatically shuts off heating when fan is stopped
- ESD safe
- PCT100 230V Kit Contains: PCT-100-21, BH-100 and PCT-AR

481047

Description	Mfrs List No.	Order Code	Price Each
PCT-100 230V Unit	PCT-100-21	143-6573	185.00
PCT-100 230V Kit	PCT-102-21	143-6574	340.00
Board Holder	BH-100	143-6575	145.00
Heater Assembly	PCT-1HE-21	143-6576	68.00
Arm Rest	PCT-AR	143-6577	37.00



OKI/Metcal Tips & Accessories

PHT-75xxxx Soldering Tips

For the PS-800 System - 750 Series, 415°C

PHT-75xxxx soldering tip cartridges are for use with the PS-800 soldering handpieces.



TIP IMAGE	SIZE (WxL) mm	DESC.	ORDER CODE	TYPE NO./ (MFRS. LIST NO.)
	1.0x11	Chisel Fine 30°	776-4316	PHT-750315
	1.5x11.9	Chisel Fine/Bent 30°	776-4324	PHT-750326
	1.78x9.9	Chisel Fine 30°	776-4332	PHT-750335
	2.5x9.9	Chisel 30°	776-4340	PHT-751355
	1.5x9.9	Chisel 60°	776-4359	PHT-750325
	3.0x16.5	Long Chisel 30°	776-4367	PHT-751367
	5.0x7.6	Large Chisel 30°	776-4375	PHT-751384
	0.4x14.7	Conical 60°	776-4383	PHT-752017
	0.4x8.4	Conical Sharp/ Fine	776-4391	PHT-752035
	1.0x13.5	Conical Fine	776-4405	PHT-752057
	0.4x16.0	Conical Fine/Bent	776-4413	PHT-752327
	0.5x7.9	Conical Fine/Bent 30°	776-4421	PHT-752335
	1.5x15.0	Mini-Hoof 60°	776-4430	PHT-754637
	3.0x17.0	Hoof 60°	776-4448	PHT-754687

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Tip Size	Tip Length	Tip Type	Mfrs. List No.	Order Code	Price Each
1.0 mm	11mm	Chisel Fine 30°	PHT-750315	776-4316	5.00
1.5 mm	11.9mm	Chisel Fine/Bent 30°	PHT-750326	776-4324	5.50
1.78 mm	9.9mm	Chisel Fine 30°	PHT-750335	776-4332	4.50
2.5mm	9.9mm	Chisel 30°	PHT-751355	776-4340	4.50
1.5 mm	9.9mm	Chisel 60°	PHT-750325	776-4359	5.00
3mm	16.5mm	Long Chisel 30°	PHT-751367	776-4367	5.50
5.0mm	7.6mm	Large Chisel 30°	PHT-751384	776-4375	5.50
0.4 mm	14.7mm	Conical 60°	PHT-752017	776-4383	5.00
0.4 mm	8.4mm	Conical Sharp/Fine	PHT-752035	776-4391	5.00
1.0 mm	13.5mm	Conical Fine	PHT-752057	776-4405	5.50
0.4 mm	16.0mm	Conical Fine/Bent	PHT-752327	776-4413	5.00
0.5 mm	7.9mm	Conical Fine/Bent 30°	PHT-752335	776-4421	5.00
1.5 mm	15.0mm	Mini-Hoof 60°	PHT-754637	776-4430	5.50
3mm	17mm	Hoof 60°	PHT-754687	776-4448	5.50

SP200 Solder Tip Cartridges

For SP200 Soldering System

- Available in a choice of two temperatures - Select the 600 series for 600°F (330°C), or 700 series for 700°F (390°C)



TIP IMAGE	SIZE (WxL) mm	DESC.	TIP SERIES/ ORDER CODE		TYPE NO.
			600°F	700°F	
	0.8x15.2	Conical Sharp	495-1281	495-1189	SSC-X01A
	0.8x10.9	Chisel 30°	495-1293	495-1190	SSC-X25A
	0.4x11.4	Conical Sharp	495-1300	495-1207	SSC-X22A
	2.4x9.9	Chisel 30°	495-1311	495-1219	SSC-X36A
	1.6x9.9	Chisel 30°	495-1323	495-1220	SSC-X37A
	1.2x9.9	Chisel 30°	495-1335	495-1232	SSC-X38A
	1.27x16.5	Drag Soldering Tip (Mini Hoof)	495-1347	495-1244	SSC-X67A
	0.8x9.1	Conical Chisel	495-1359	495-1256	SSC-X71A
	0.4x19	Conical Sharp	495-1360	495-1268	SSC-X45A
	0.4x11.4	Sharp Bent 30°	495-1372	495-1270	SSC-X26A

TYPE NO. - For the full Mfrs. List No., X = 0 for the 600°F, and 1 for the 700°F types

339240

Description	Order Code	Price Each
All Tips (Except Mini Hoof)	All Order Codes	11.34
Drag Soldering Tip (Mini Hoof) 600°F	495-1347	18.50
Drag Soldering Tip (Mini Hoof) 700°F	495-1244	18.50

Troubleshooting tips



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STTC Soldering Tip Cartridges

For MX and STSS Systems



STTC soldering tip cartridges are for use with the MX and STSS soldering/rework handpieces only. They cannot be used with the SP systems, Talon® or desoldering handpieces.

- Available in a choice of two temperatures - Select the 600 series for 600°F (330°C), or 700 series for 700°F (390°C)

No.	TIP IMAGE	SIZE (WxL) mm	DESC.	TIP SERIES/ ORDER CODE		TYPE NO.
				600°F	700°F	
1		0.4x13.7	Conical Sharp	495-0501	495-0604	STTC-X06
2		5.0x7.6	Extra Large Chisel 30°	495-0513	495-0616	STTC-X17
3		0.4x8.4	Conical Sharp	495-0525	495-0628	STTC-X22
4		1.0x9.1	Chisel 30°	495-0537	495-0630	STTC-X25
5		2.5x9.9	Chisel 30°	495-0549	495-0641	STTC-X36
6		1.78x9.9	Chisel 30°	495-0550	495-0653	STTC-X37
7		1.5x9.9	Chisel 30°	495-0562	495-0665	STTC-X38
8		0.4x16	Conical Bent 30°	495-0574	495-0677	STTC-X40
9		0.4x14.7	Bevel 60°	495-0586	495-0689	STTC-X45
10		0.25x13.2	Micro Fine Tip	495-0598	495-0690	STTC-X90
TYPE NO. - For the full Mfrs. List No., X = 0 for the 600°F, and 1 for the 700°F types						

- For limited access SMT rework
- General-purpose SMT and through-hole tip when access is limited
- Sharp tip cartridge for soldering SMT components or fine wire applications (not for general through-hole tasks)
- Good for a variety of light soldering tasks. Looking for a surface mount touch-up tip? The STTC-025 should be your first choice
- For medium to heavy load joints requiring extra reach
- For a wide variety of tasks. If you are choosing the first tip for your Metcal system, the STTC-037 is ideal
- A finer version of the STTC-037. Ideal for medium to light through-hole and general surface mount touch-up
- Tip for soldering SMT components. The bend makes it much easier to work on small circuits and PLCCs
- An extended length fine tip for surface mount or fine wire applications (not for general through-hole tasks)
- Microfine tip designed for soldering and touch-up of micro components such as 0201s and 0402s

339263

Description	Order Code	Price Each
Soldering Tip Cartridges	All Order Codes	13.75

Technical information at your fingertips



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SFV-xxxx Soldering Tips



SFV-xxxx soldering tip cartridges are for use with the PS-900 & PS-800E systems and the MFR-H4-TW handpiece available for the MFR range.

Tip Image	Size (WxL) mm	Desc.	Order Code	Type No./ (Mfrs. List No.)
	0.5x8.5	Conical	127-7177	SFV-CN05
	1.0x11	Chisel 30°	127-7178	SFV-CH10
	2.0x10	Chisel 30°	127-7179	SFV-CH20
	2.5x11	Chisel 30°	127-7180	SFV-CH25
	5.0x10	Large Chisel 30°	127-7181	SFV-CH50
	1.5x12.2	Chisel Bent 30°	156-0741	SFV-CHB15
	1.4x15	Conical Long Reach 60°	127-7183	SFV-CNL14
	1.0x13	Conical Long Reach	127-7184	SFV-CNL10
	0.4x13.6	Conical Long Reach	127-7185	SFV-CNL04
	0.5x13.7	Conical	136-2241	SFV-CN05A
	1.0x15.0	Conical	136-2242	SFV-CNL10A
	1.5x13.4	Chisel	136-2243	SFV-CH15A
	1.8x13.4	Fine	136-2244	SFV-CH18A
	2.5x13.4	Chisel	136-2245	SFV-CH25A
	0.3x18.4	Conical	136-2246	SFV-CNL03A
	0.4x19.6	Conical Bent	136-2247	SFV-CNB04A
	3.0x20.4	Drag	136-2248	SFV-DRH430A

450658

Tip Size	Tip Length	Tip Type	Mfrs. List No.	Order Code	Price Each
Power Heater Tips					
0.5 mm	8.5mm	Conical	SFV-CN05	127-7177	6.50
1.0 mm	11mm	Chisel 30°	SFV-CH10	127-7178	6.50
2.0 mm	10mm	Chisel 30°	SFV-CH20	127-7179	5.00
2.5 mm	11mm	Chisel 30°	SFV-CH25	127-7180	5.00
5.0 mm	10mm	Large Chisel 30°	SFV-CH50	127-7181	6.50
1.5 mm	12.2mm	Chisel Bent 30°	SFV-CHB15	156-0741	5.50



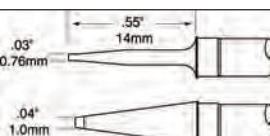
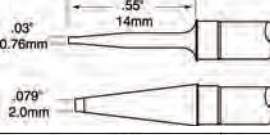
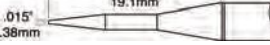
OKI/Metcal Tips & Accessories - continued

SFV-xxxx Soldering Tips - continued

Tip Size	Tip Length	Tip Type	Mfrs. List No.	Order Code	Price Each
Power Heater Tips					
1.4 mm	15.0mm	Conical Long Reach 60°	SFV-CNL14	127-7183	6.50
1.0 mm	13mm	Conical Long Reach	SFV-CNL10	127-7184	6.50
0.4 mm	13.6mm	Conical Long Reach	SFV-CNL04	127-7185	6.50
"Easy Access" Power Heater Tips					
0.5 mm	13.7mm	Conical	SFV-CN05A	136-2241	6.50
1.0 mm	15.0mm	Conical	SFV-CNL10A	136-2242	6.50
1.5 mm	13.4mm	Chisel	SFV-CH15A	136-2243	6.50
1.8 mm	13.4mm	Fine	SFV-CH18A	136-2244	6.50
2.5mm	13.4mm	Chisel	SFV-CH25A	136-2245	6.50
0.3 mm	18.4mm	Conical	SFV-CNL03A	136-2246	6.50
0.4 mm	19.6mm	Conical Bent	SFV-CNB04A	136-2247	6.50
3mm	20.4mm	Drag	SFV-DRH430A	136-2248	6.50
Accessories					Price Per Pack
Identification Ring Kit 50 per pack					AC-CK4 156-0742 5.25

Precision Tweezers Cartridges
For Precision Tweezer Hand-pieces

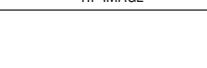



- Supplied in pairs to be used in the Precision Tweezer Hand-pieces
- Conduction rework of very fine surface mount chip components
- Designed for use with glass fiber (FR4) PCB substrates

Tip Image	Desc.	Order Code	Type No./ (Mfrs. List No.)
	Tweezer Cartridge, 1.0mm Blade Pair	116-1542	TFP-BLP1
	Tweezer Cartridge, 2.0mm Blade Pair	116-1543	TFP-BLP2
	Tweezer Cartridge, Conical 0.4mm Pair	116-1545	TFP-CNP1

429262

Tip Type	Mfrs. List No.	Order Code	Price Each
Tweezer Cartridge, 1.0mm Blade Pair	TFP-BLP1	116-1542	30.00
Tweezer Cartridge, 2.0mm Blade Pair	TFP-BLP2	116-1543	30.00
Tweezer Cartridge, Conical 0.4mm Pair	TFP-CNP1	116-1545	30.00

- Conduction removal of two sided surface mount components
- The geometries are specifically designed for larger SMT Chip and Dual in-line SOIC components

TIP IMAGE	Desc.	Width	Order Code	Type No./ (Mfrs. List No.)
	Tweezer Heavy Duty Cartridge, A=6.35mm Pair	6.35mm	142-0238	TFP-BLH40
	Tweezer Heavy Duty Cartridge, A=16mm Pair	16mm	142-0241	TFP-BLH50
	Tweezer Heavy Duty Cartridge, A=20.5mm Pair	20.5mm	142-0242	TFP-BLH60
	Tweezer Heavy Duty Cartridge, A=28mm Pair	28mm	142-0243	TFP-BLH70



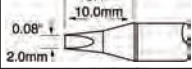
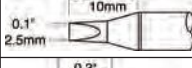

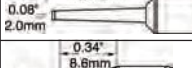
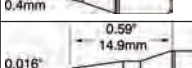
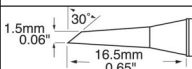
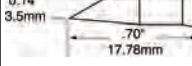

477016

Tip Type	Width	Mfrs. List No.	Order Code	Price Each
Heavy Duty Cartridge	6.35mm	TFP-BLH40	142-0238	44.24 42.03
Heavy Duty Cartridge	16mm	TFP-BLH50	142-0241	56.70 53.87
Heavy Duty Cartridge	20.5mm	TFP-BLH60	142-0242	56.70 53.87
Heavy Duty Cartridge	28mm	TFP-BLH70	142-0243	56.70 53.87

Standard Soldering Tips Cartridges

For the MFR-H1-SC Soldering & Rework Hand-piece

- Used with the MFR-HSR Soldering & Rework Hand-piece
- Designed to deliver outstanding performance for point-to-point soldering and basic rework applications
- The geometries within the range have been optimized to deliver maximum accessibility
- Optimal thermal efficiency within a narrow cartridge diameter
- Designed for use with glass fiber (FR4) PCB substrates

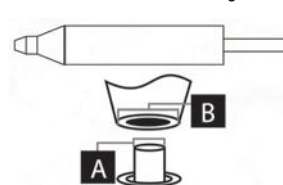
TIP IMAGE	SIZE (WxL) mm	DESC.	ORDER CODE	TYPE NO./ (MFRS. LIST NO.)
	1.0x9.2	Chisel Cartridge, 30°	116-1525	SFP-CH10
	1.5x10	Chisel Cartridge, 30°	116-1526	SFP-CH15
	2.0x10	Chisel Cartridge, 30°	116-1527	SFP-CH20
	2.5x10	Chisel Cartridge, 30°	116-1528	SFP-CH25
	5.0x7.6	Chisel Cartridge, 30°	116-1529	SFP-CH50
	2.0x16.04	Chisel Cartridge, 60° long reach	116-1530	SFP-CHL20
	0.4x8.6	Conical Cartridge	116-1531	SFP-CN04
	0.4x14.9	Conical Cartridge, long reach	116-1533	SFP-CNL04
	1.5x16.5	Drag Soldering Cartridge, Hoof	116-1534	SFP-DRH15
	3.5x17.78	Drag Soldering Cartridge, Hoof	116-1535	SFP-DRH35

429214

Tip Length	Tip Type	Mfrs. List No.	Order Code	Price Each
1.0mm	9.2mm Chisel Cartridge, 30°	SFP-CH10	116-1525	7.25
1.5mm	10mm Chisel Cartridge, 30°	SFP-CH15	116-1526	7.25
2.0mm	10mm Chisel Cartridge, 30°	SFP-CH20	116-1527	7.25
2.5mm	10mm Chisel Cartridge, 30°	SFP-CH25	116-1528	7.25
5.0mm	7.6mm Chisel Cartridge, 30°	SFP-CH50	116-1529	7.25
2.0mm	16.04mm Chisel Cartridge, 60° long reach	SFP-CHL20	116-1530	10.00
0.4mm	8.6mm Conical Cartridge	SFP-CN04	116-1531	7.25
0.4mm	14.9mm Conical Cartridge, long reach	SFP-CNL04	116-1533	7.25
1.5mm	16.5mm Drag Soldering Cartridge, Hoof	SFP-DRH15	116-1534	13.75
3.5mm	17.78mm Drag Soldering Cartridge, Hoof	SFP-DRH35	116-1535	13.75

Desoldering Cartridges

For the MFR-HDS De-soldering Hand-piece



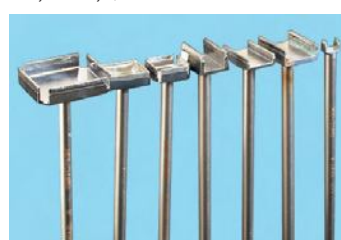
- Used with the MFR-HDS De-soldering Hand-piece
- Primarily for solder removal on through-hole components
- The tips are supplied in a range of diameters
- Improved access on tightly packed PCBs
- Designed for use with glass fiber (FR4) PCB substrates

429254

Ø A mm	Ø B mm	Tip Type	Mfrs. List No.	Order Code	Price Each
0.67mm	1.80mm	Desoldering Tip	DFP-CN2	116-1536	19.50
0.79mm	2.05mm	Desoldering Tip	DFP-CN3	116-1537	19.50
1.05mm	2.30mm	Desoldering Tip	DFP-CN4	116-1538	19.50
1.31mm	2.65mm	Desoldering Tip	DFP-CN5	116-1539	19.50
1.55mm	2.85mm	Desoldering Tip	DFP-CN6	116-1540	19.50
2.44mm	3.65mm	Desoldering Tip	DFP-CN7	116-1541	19.50

SMT Rework Tip Cartridges

Slot, Tunnel, Quad

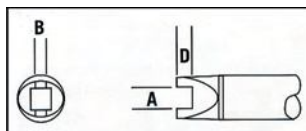


General illustration of all types - Quad, Tunnel, Slot

Designed for reworking SMT components, SMT tip cartridges do it all - assembly, removal and cleaning. The range includes slot, tunnel and quad tip cartridges.

Note: For use with the MX-RM3E soldering/rework handpieces for STSS/MX systems only. They cannot be used with SP systems, Talon® or desolder handpieces.

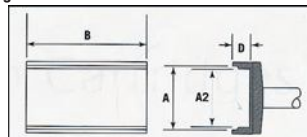
Slot Tip Cartridges



● 600°F (330°C)

SMT Type	Dimensions (mm)			Mfrs. List No.	Order Code	Price Each
	A	B	D			
Chip 0805	2.29	1.27	1.79	SMTC-001	495-0951	26.25
Chip 1206, 1210	3.56	1.52	1.79	SMTC-002	495-0963	26.25
Chip 1808, 1812	4.83	2.03	1.91	SMTC-003	495-0975	26.25
Chip SOT-23	1.73	2.54	1.27	SMTC-005	495-0987	26.25
Chip 0402, 0603	1.78	1.02	1.02	SMTC-096	495-1025	26.25

Tunnel Tip Cartridges for DUAL In-Line Packages



● 600°F (330°C)

SMT Type	Dimensions (mm)				Mfrs.	Order Code	Price Each
	A2	A	B	D	List No.		
SOIC-8	5.08	5.08	4.32	2.29	SMTC-004	495-0999	30.00
SOIC-14,-16	5.08	5.08	10.16	2.29	SMTC-006	495-1001	30.00
TSOP-56	18.54	19.30	14.12	3.05	SMTC-0162	495-1013	66.00

339322

Hoof and Knife Tip Cartridges

Part of SMTC Series

- For drag soldering
- Available in a choice of two temperatures - Select the 600 series for 600°F (330°C), or 700 series for 700°F (390°C)



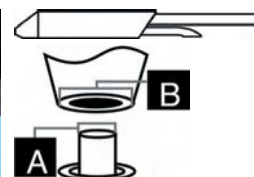
TIP IMAGE	SIZE (WxL) mm	DESC.	TIP SERIES/ ORDER CODE	
			600°F (357°C)	700°F (412°C)
	3.3x17.78	Multi Lead Hoof	495-0938	495-0896
	1.52x16.51	Mini-Hoof	495-0940	495-0902
	(2.03x4.83) x16.51	Multi Lead Knife	495-0926	
	15.75x39.37	Blade		495-0914

339311

Description	Temp.	Mfrs. List No.	Order Code	Price Each
Multi Lead Hoof	357°C	SMTC-0147	495-0938	27.10
Multi Lead Hoof	412°C	SMTC-1147	495-0896	27.10
Mini-Hoof	357°C	SMTC-0167	495-0940	27.10
Mini-Hoof	412°C	SMTC-1167	495-0902	27.10
Multi Lead Knife	412°C	SMTC-1161	495-0926	31.40
Blade	412°C	SMTC-161	495-0914	51.50

STDC Desoldering System Tip Cartridges

Standard Type



- Quick tip changeover
- Available in a choice of two temperatures - Select the 600 series for 600°F (330°C), or 700 series for 700°F (390°C)

DIAMETERS (MM)		TIP SERIES/ORDER CODE		TYPE NO.
A	B	600°F (357°C)	700°F (412°C)	
0.76	1.68		495-0719	STDC-103
1.02	1.78		495-0720	STDC-104
1.27	2.03		495-0732	STDC-105
1.52	2.29	495-0800	495-0744	STDC-X06
2.41	3.18		495-0756	STDC-107

The **Type No.** shown in the above table is the Manufacturers List No. For the 600°F type, X = 0 and for the 700°F type, X = 1

339292

Description	Order Code	Price Each
Desoldering Tip Cartridges	All Order Codes	29.00

TATC Talon® Tip Cartridges



Blades Tip



TSOP Tip



Angled Viper Tip (495-0884)

Designed for the removal of all discrete and SO symmetrical components. Due to the shape and design, by simply rotating the Talon® handpiece, a single TATC cartridge can remove a 28 pin SOIC, a tantalum or an 0603 chip capacitor without changing tips.

All 600°F (330°C)

339303

Description	Tip Size	Mfrs. List No.	Order Code	Price Each
Fine Point Tip	5.08mm	TATC-601.	495-0823	79.50
Blades Tip	6.35mm	TATC-602	495-0835	79.50
Blades Tip	15.75mm	TATC-603	495-0847	79.50
Blades Tip	20.57mm	TATC-604	495-0859	79.50
TSOP 32 Tip	10.2mm	TATC-605	495-0860	79.50
Blades Tip	27.94mm	TATC-606	495-0872	95.50
Angled Viper Tip	1.27mm	TATC-608	495-0884	79.50

HCT-900 Nozzles

Lead Free



A range of nozzles for the HCT-900 Hand held convection tool.

- Available individually or in kits
- All nozzles are lead free

NZKT-1

Nozzle kit for chip resistors, SOIC & TSOP packages, includes one each of H-D25, H-SL16, H-SL28, H-SQJ40 and H-TS48

NZKT-2

Nozzle kit for PLCC, QFP & BQFP packages, includes one each of H-P20, H-P44, H-P84, H-Q1420 and H-Q2626

Premium service without a premium price






With thousands of prices already reduced, go online to see our most up-to-date pricing:
www.farnell.co.uk



OKI/Metcal Tips & Accessories - continued

HCT-900 Nozzles - continued

Lead Free - continued

TIP IMAGE	MFRS. LIST NO.	CHIP PACKAGE	ORDER CODE	DIMENSIONS (MM)	
				A	B
General Purpose Nozzles					
	H-D25		101-5507	2.5	-
Nozzles for SQ & TSOP Packages (Dual)					
	H-SL16	SOL 14, 16	101-5508	10.6	10.8
	H-SL28	SOL 28	101-5509	10.6	18.4
	H-SQJ40	SOJ 40	101-5510	13.5	25.4
	H-TS48	48 PIN TSOP	101-5511	21.0	13.3
Nozzles for PLCC, BQFP, QFP (Quad)					
	H-P20	PLCC-20	101-5512	11.9	11.9
	H-P44	PLCC-44	101-5513	19.5	19.5
	H-P84	PLCC-84	101-5514	32.4	32.4
	H-Q1420	QFP-64, 80, 100	101-5516	23.4	18.1
	H-Q2626	QFP-304	101-5517	29.8	29.8

417114

Description	Mfrs. List No.	Order Code	Price Each
NZKT-1 Nozzle Kit	NZKT-1	101-5505	155.00
NZKT-2 Nozzle Kit	NZKT-2	101-5506	200.00
General Purpose & Dual Quad Types		All Order Codes	12.00
		All Order Codes	49.50

Pace Soldering/De-Soldering Stations

High Performance Analogue Soldering Station

ST30-TD100



- Intelliheat™ thermal control system
 - High capacity SMT/thru-Hole soldering
 - Analogue dial temperature control
 - Rugged, highly durable metal housing
 - ESD grounding jack
 - Temperature lockout facility
 - Includes TD100 Thermdrive® Soldering Iron
- Power requirements 230VAC, 50HZ, 90W
 Dimensions 104 x 130 x 152mm
 Weight 2.3Kg
- Temp. stability $\pm 1.1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)@ Idle tip temp
 Temp. range 176°C - 482°C (350°F - 900°F)

447603

Description	Mfrs. List No.	Order Code	Price Each
ST30-TD100	8007-0512	127-9325●	141.93

High Performance Digital Soldering Station

ST50-TD100



- Intelliheat™ thermal control system
- High capacity SMT/thru-Hole soldering
- Digital LED temperature readout
- Colour coded temperature control keys
- Temperature setback and Auto-Off safety system
- Rugged, highly durable metal housing
- ESD grounding jack
- Password lockout facility
- Definable operating temperature range
- Includes TD100 Universal Soldering Iron system

Power requirements 230VAC, 50HZ, 90W
 Dimensions 104 x 130 x 152mm
 Weight 2.3Kg

Temp. stability $\pm 1.1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)@ Idle tip temp
 Temp. range 37°C - 482°C (100°F - 900°F)

447606

Description	Mfrs. List No.	Order Code	Price Each
ST50-TD100	8007-0514	127-9326●	158.31

High Performance Digital Soldering Station

ST50-PS90



- Intelliheat™ thermal control system
- High capacity SMT/thru-Hole soldering
- Digital LED temperature readout
- Colour coded temperature control keys
- Temperature setback and Auto-Off safety system
- Rugged, highly durable metal housing
- ESD grounding jack
- Password lockout facility
- Definable operating temperature range
- Includes PS90 Universal Soldering Iron

Power requirements 230VAC, 50HZ, 90W, 0.5A
 Dimensions 104 x 130 x 152mm
 Weight 2.3Kg

Temp. stability $\pm 1.1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)@ Idle tip temp
 Temp. range 37°C - 482°C (100°F - 900°F)

447377/472267

Description	Mfrs. List No.	Order Code	1+	Price Each
ST50-PS90	8007-0533	126-7505●	163.77	+

Power Module Controlled Soldering System

ST70-TD100



The ST70 is a single channel system that is controlled by POWER MODULES™ and comes with the Thermo Drive soldering iron (TD100). The operating temperature is pre-determined by plugging in the appropriate colour coded Power Module into the port on the front of the station.

- Intelliheat™ thermal control system
- Definable operating temperature controlled by Power Modules™
- High capacity SMT/thru-Hole soldering
- Colour coded temperature control Power Modules™
- Rugged, highly durable metal housing
- ESD grounding jack
- Supplied with 6.5, 7 and 7.5 Power Modules™
- Includes TD100 Universal Soldering Iron

Power requirements 230VAC, 50HZ, 90W
 Dimensions 104 x 130 x 152mm
 Weight 2.3Kg

Temp. stability $\pm 1.1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)@ Idle tip temp
 Temp. range Determined by Power Module.

447622

Description	Mfrs. List No.	Order Code	Price Each
ST70-TD100	8007-0518	127-9327●	138.44

ST100 Intelliheat™ Soldering System



Note: Supplied with 2 x (TD-100) handpieces

- Intelliheat™ thermal control system
- 2 Individually controlled, Intelliheat™ compatible handpiece channels
- Password protect facility to prevent unauthorised changes
- Definable process windows for each channel
- Backlit digital LCD display
- Setback and Auto-off features to maximise tip life

The ST100 Intelliheat™ Soldering System is a fully programmable soldering and rework station featuring two individually controlled Intelliheat™ compatible handpiece channels. The System allows for 2 soldering irons, 2 mini tweezers or one of each to co-exist on a workbench - Ideal for transitioning from Lead-free to Lead-free solders where you need more than one iron to avoid cross contamination.

Power requirements 230VAC, 50HZ, 150W
 Dimensions 135 x 165 x 260mm
 Weight 5.0Kg
 Temp. stability $\pm 1.1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)@ Idle tip temp
 Temp. range $37^{\circ}\text{C} - 482^{\circ}\text{C}$ ($400^{\circ}\text{F} - 900^{\circ}\text{F}$)

447323, 467144

Mfrs. List No.	Order Code	Price Each
8007-0527	127-1276●	521.34

Power Modules



For use with the Pace ST70 soldering system. The heat level you need is pre-determined by the colour-coded Power Module, which installs right into the Power Port on the front of the station.

- Lets you easily select, and visually monitor heat levels
- Removes the need for dials, read outs, calibration tools and certificates
- Change heat levels in seconds without changing tips
- If the Power Module is removed, the system immediately powers off preventing any non compliant soldering

447785

Mfrs. List No.	Colour	Heat Level	Temp °C	Temp °F	Order Code	1+	5+	10+
1207-0446-01-P1	Green	5	260	500	127-9376●	7.12	6.91	6.70
1207-0446-02-P1	Turquoise	5.5	288	550	127-9377●	7.12	6.91	6.70
1207-0446-03-P1	Orange	6	316	600	127-9378●	7.12	6.91	6.70
1207-0446-04-P1	Gold	6.5	343	650	127-9379●	7.12	6.91	6.70
1207-0446-05-P1	Red	7	371	700	127-9380●	7.12	6.91	6.70
1207-0446-06-P1	Violet	7.5	399	750	127-9381●	7.12	6.91	6.70
1207-0446-07-P1	Black	8	427	800	127-9382●	7.12	6.91	6.70
1207-0446-08-P1	Silver	8.5	454	850	127-9383●	7.12	6.91	6.70

Soldering and Rework Station

ST75-SX90



The ST75-SX90 Soldering and rework system is ideal for users who need the flexibility of a system that can be used to solder, desolder, remove components with a variety of tweezers and thermo-piks, as well as make use of the high performance, foot pedal activated air pencil. Utilising Pace's SNAPVAC desoldering technology to ensure quick, clean removal of solder from any through hole or surface mount joint.

- Intelliheat™ thermal control system
- Self contained de-soldering station
- SX90 de-soldering handpiece
- ESD grounding jack
- Requires no calibration
- Auto snap-vac increases heater/tip life
- Quiet vacuum pump
- Wide range of tips available
- Accepts any Pace Intelliheat handpiece (SX90 included)
- Temperature lockout

Specifications:
 Operates on 197-253V ac, 50Hz
 120 Watts max. at 230Vac, 50Hz
 Temp. Range 176°C to 482°C
 Temp. Stability $\pm 1.1^{\circ}\text{C}$ at idle from set tip temp

447624

Description	Order Code	Price Each
ST75-SX90	127-9329●	425.80

Soldering and Rework Station

ST115-SX90



The ST115-SX90 Soldering and rework system is ideal for users who need the flexibility of a system that can be used to solder, desolder, remove components with a variety of tweezers and thermo-piks, as well as make use of the high performance, foot pedal activated air pencil. Utilising Pace's SNAPVAC desoldering technology to ensure quick, clean removal of solder from any through hole or surface mount joint.

- Intelliheat™ thermal control system
- Digital display & keypad
- Self contained de-soldering station
- Password lockout facility
- Temperature setback and Auto-off
- User defined operating temperature range
- SX90 de-soldering handpiece
- ESD grounding jack
- Requires no calibration
- Auto snap-vac increases heater/tip life
- Quiet vacuum pump
- Wide range of tips available
- Accepts any Pace Intelliheat handpiece (SX90 included)

RoHS Compliant
 Non-compliant



08447 11 11 11

Specifications:
 Operates on 197-253V acac, 50Hz
 120 Watts max. at 230Vac, 50Hz
 Temp. Range 176°C to 482°C
 Temp. Stability $\pm 1.1^{\circ}\text{C}$ at idle from set tip temp

447625

Description	Order Code	Price Each
ST115-SX90	127-9330●	464.02

ST75 Dial Control Power Supply



Note: Iron not supplied

The ST75 is a single channel dial control power supply compatible with all Intelliheat handpieces. The ST75 is ideal for users who need the flexibility of a system that can be used to solder, desolder, remove components with a variety of tweezers and thermo-piks, as well as make use of the high performance, foot pedal activated air pencil. Utilising Pace's SNAPVAC desoldering technology to ensure quick, clean removal of solder from any through hole or surface mount joint.

- Intelliheat™ thermal control system
- Self contained de-soldering station
- Dial control
- ESD grounding jack
- Requires no calibration
- Auto snap-vac increases heater/tip life
- Quiet vacuum pump
- Wide range of tips available
- Accepts any Pace Intelliheat handpiece
- Temperature lockout

Specifications:
 Operates on 197-253V ac, 50Hz
 120 Watts max. at 230Vac, 50Hz
 Temp. Range 176°C to 482°C
 Temp. Stability $\pm 1.1^{\circ}\text{C}$ at idle from set tip temp

447784

Description	Order Code	Price Each
ST75	127-9375●	251.11

MBT 301 Rework Station

SMT/Through Hole Dual Channel System



The MBT 301 is a multi-technology digital rework and repair system. The unit has 2 individually controlled universal handpiece channels which can be password protected to work within an approved operating temperature. A backlit, digital, LCD screen displays the temperature of all three handpiece channels. The MBT 301 incorporates Pace's SNAPVAC desoldering technology to ensure quick, clean removal of solder from any through hole or surface

mount joint, when used with an air pencil the pressure control valve allows for precise adjustments when working on the smallest components such as 0201's.

- 2 individually controlled channels
- Digital display & keypad
- Password lockout facility
- Temperature setback and Auto-off
- User defined operating temperature range for each channel
- ESD grounding jack
- Auto snap-vac increases heater/tip life
- Quiet vacuum pump
- Wide range of tips available
- TD100 and SX-80 Handpieces included

240 Watts max. at 230Vac, 50Hz
 Temp. Range 37°C to 482°C
 Temp. Stability $\pm 1.1^{\circ}\text{C}$ at idle from set tip temp

447728

Description	Order Code	Price Each
MBT 301	127-9346●	685.98

MBT 350 Rework Station

SMT/Through Hole Multi-Channel System



The MBT 350 is a fully programmable digital rework and repair system. The unit has 3 individually controlled universal handpiece channels which can be password protected to work within an approved operating temperature. A backlit, digital, LCD screen displays the temperature of all three handpiece channels. The MBT 350 incorporates Pace's SNAPVAC desoldering technology to ensure quick, clean removal of solder from any through hole or surface

face mount joint, when used with an air pencil the pressure control valve allows for precise adjustments when working on the smallest components such as 0201's.

- 3 individually controlled channels
- Digital display & keypad
- Password lockout facility
- Temperature setback and Auto-off
- User defined operating temperature range for each channel
- ESD grounding jack
- Auto snap-vac increases heater/tip life
- Quiet vacuum pump
- Wide range of tips available
- TD100, MT-100 and SX-90 Handpieces included

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Pace Soldering/De-Soldering Stations - continued

MBT 350 Rework Station - continued

SMT/Through Hole Multi-Channel System - continued

Specifications:
240 Watts max. at 230Vac, 50Hz Temp. Range 37°C to 482°C
Temp. Stability $\pm 1.1^\circ\text{C}$ at idle from set tip temp

447727

Description	Order Code	Price Each
MBT 350	127-9345●	955.88

Convective SMT Reflow System ST300



The ST300 can be used to remove any SMD and for installing components that can be positioned manually. The ST300 is a self contained system with analogue controls for temperature and air-flow.

- Lockable Temperature and Airflow
- Auto shut-off
- Functional LED indicators
- Quiet operation
- Hi-flo vacuum pump for holding components securely
- Lo-flo vacuum pump for component wand

Specifications:
Operates on 197-253V ac, 50Hz Temp. Range 149°C to 482°C
575 Watts max. at 230Vac, 50Hz Temp. Stability $\pm 9^\circ\text{C}$ at idle tip temp

447647

Description	Order Code	Price Each
ST300	127-9332●	780.01

Accessories

Pattern Nozzle	Jet Spacing	Jet Length	Mfrs. List No.	Order Code	Price Each
SOICL-32 (JEDEC)	11.68mm	20.83	4028-4007	127-9364	98.90
SOICL-28 (JEDEC)	7.9mm	18.5	4028-4006	127-9365	64.87
SOICL-20 (JEDEC)	7.9mm	13.5	4028-4004	127-9366	90.99

Single Jet Nozzles

Shape of Jet Tube	Nozzle Size (Diameter)	Mfrs. List No.	Order Code	Price Each
Curved, Round	3.0mm	4028-1001	127-9347	75.16
Curved, Round	5.0mm	4028-1002	127-9349	75.16
Curved, Round	8.0mm	4028-1003	127-9351	75.16

Box Nozzles

Component Type	Nozzle Size	Mfrs. List No.	Order Code	Price Each
PLCC-20 (Non Baffled)	10.2mm x 10.2mm	4028-2002	127-9352	98.90
PLCC-28 (Non Baffled)	12.8mm x 12.8mm	4028-2003	127-9353	78.36
PLCC-32 (Non Baffled)	12.8mm x 15.3mm	4028-2004	127-9354	70.53
PLCC-44 (Non Baffled)	17.9mm x 17.9mm	4028-2005	127-9355	70.53
PLCC-52	20.4mm x 20.4mm	4028-2006	127-9356	78.36
PLCC-68	25.5mm x 25.5mm	4028-2007	127-9357	70.53
PLCC-84	30.6mm x 30.6mm	4028-2008	127-9358	70.53
PLCC-100	38.9mm x 38.9mm	4028-2009	127-9359	70.53
QFP-208	31.5mm x 31.5mm	4028-2505	127-9360	70.53
QFP-240	34.6mm x 34.6mm	4028-2506	127-9362	70.53
QFP-80/100	18.1mm x 24.1mm	4028-2501	127-9363	98.90

Vacuum Wand Accessories

VACUUM CUP KIT, PKT3/ S.M.L.	6993-0153-P1	127-9367	3.42
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ST400 Preheater



The ST400 is an analogue temperature controlled radiant 400W preheater. The heating area is 140 x 140mm. The ST400 is ideal for heavy PCB's as the medium wave IR delivers the most penetrating and even heating available.

Specifications:
Operates on 197-253V ac, 50Hz
425 Watts max. at 230Vac, 50Hz
Temp. Range 37°C to 205°C
Temp. Stability $\pm 3^\circ\text{C}$ at idle temp

447673

Description	Order Code	Price Each
ST400	127-9333●	626.36

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Pace Handpieces

PS90 Handpiece with Stand



- Compatible with all Pace systems
- SensaTemp technology: a high performance control system
- PermaGround tips - to ensure permanent tip to ground
- SMD removal and installation
- Quick tip change
- Quick heater change
- Static safe

234778

	Order Code	1+	5+	10+
PS90	125-7076●	63.94	62.02	60.16
Heater assembly	125-7075●	54.11	52.49	50.91

TD-100 Thermo-Drive® Handpiece Kit



The TD-100 handpiece is for use with selected models of Pace Soldering Stations.

- Intelliheat™ thermal control system
- Uniquely designed to eliminate operator fatigue
- Soft comfort grips
- Wide range of tip styles and surface mount removal tips available
- Quick release tips
- Heater & sensor are close to the tip, away from the handle keeping it cool and comfortable
- Optimised tip-to-grip length has been designed for perfect balance between reach, access and visibility of work
- Supplied with stand

Note: Tip not supplied

447319.467157

Description	Mfrs. List No.	Order Code	1+	5+
TD-100 Iron with Stand	6993-0263-P1	127-1277●	67.25	65.23

SX90 Desoldering Handpiece with Stand



- Intelliheat™ thermal control system
- Wide selection of tips available
- Suitable for through hole and SMT
- Replaceable heater cartridge
- Precision tips available
- Disposable flux/solder traps
- Compatible with ST65, ST75, ST115, MBT301 and MBT350

447640

Description	Order Code	1+	5+	10+
SX90 & Cubby	127-9331●	205.71		
Accessories				
Heater Element for SX90	NEW 161-1053●	64.18	62.25	60.39

MT-100 MiniTweez™ Intelliheat Handpiece Kit



The MT-100 MiniTweez is for use with selected models of Pace Soldering Stations.

- Intelliheat™ thermal control system
- Soft comfort grip and ergonomic design mimics the motion of the human hand thus reducing operator fatigue
- Remove a wide variety of SMD's quickly and easily
- Wide range of component removal tips available
- Quick release tips
- Supplied with stand

Note: Tips not supplied

447280

Mfrs. List No.	Order Code	1+	5+
6993-0264-P1	127-1278●	110.77	107.45

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TT-65 Thermotweez® Handpiece with Stand



Note: Tip not supplied

- SMT removal tool
- Quick change, slim-line tips
- Stroke adjustment to reduce fatigue
- Rapid reflow of PLCC's and other 2 or 4 sided SMT components
- Stand included

472269/447772

Mfrs. List No.	Order Code	Price Each
6993-0268-P1	127-9370●	226.28

TJ-85 Thermojet® Handpiece with Stand



Note: Tip not supplied

- Slim line hot air pencil
- Airflow actuated with a foot pedal
- Multiple quick change nozzles available
- Heat delivery ideal for the installation and removal of chip components, SOT's, and SOIC's
- Stand included

447773

Mfrs. List No.	Order Code	Price Each
6993-0270-P1	127-9371●	112.27

TP-100 Thermopik® Handpiece with Stand



- SMT component removal tool
- Designed to reflow and remove QFP's in seconds
- Soft comfort grips
- Large selection of tips available
- Stand included

Note: Tip not supplied

447774

Mfrs. List No.	Order Code	Price Each
6993-0280-P1	127-9372●	122.02

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Pace Tips & Accessories



PS80 Soldering Iron Tips

Single Point Tips with 3/16" Shank Diameter

TIPS (w/PART NUMBER)	TIP DESCRIPTION	ORDER CODE
1121-0357-P5 	1/64" Conical	312-0752
1121-0336-P5 	1/32" Conical	312-0764
1121-0359-P5 	1/32" Chisel	312-0776
1121-0335-P5 	1/16" Chisel	312-0788
1121-0358-P5 	3/16" Chisel	312-0790
1121-0406-P5 	Single Sided Chisel	312-0806
1121-0564-P5 	Mini Wave Fine Patch	312-0740
1121-0490-P5 	Mini Wave Standard	312-0727

SURFACE MOUNT REMOVAL TIP	DESCRIPTION (suggested application)	TIP SIZE A X B	MFRS. LIST NO.	ORDER CODE
		0.14" x 0.08" (2.56mm x 2.03mm)	1121-0303-P1	312-0855
	SOIC-8 (JEDEC)	0.019" x 0.200" (5.05mm x 5.08mm)	1121-0390-P1	312-0818

212620

Pack Quantity=5	Order Code	1+	5+	10+
312-0752	21.17	20.53	19.92	
312-0764	21.17	20.53	19.92	
312-0776	21.17	20.53	19.92	
312-0788	21.17	20.53	19.92	
312-0790	21.17	20.53	19.92	
312-0806	21.17	20.53	19.92	
312-0740	26.50	25.71	24.93	
312-0727	26.50	25.71	24.93	
Pack Quantity=1			Price Each	
312-0855	12.37	12.00	11.64	
312-0818	25.18	24.42	23.69	

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Pace Tips & Accessories - continued

PS-90 PermaGround Tip Cartridges



- A range of tip cartridges for use with the Pace PS-90
- The 'Thermo Drive' versions provide maximum heat delivery
- Supplied in packs of 5

422850

Tip Size	Description	Mfrs. List No.	Order Code	Price Per Pack		
				1+	5+	10+
Chisel Tip						
0.8 mm	Bent Chisel	1121-0361-P5	110-4943	21.17	20.53	19.92
1.5 mm	Single Side Chisel	1121-0563-P5	110-4948	26.50	25.71	24.93
1.6mm	Chisel	1121-0414-P5	110-4936	21.17	20.53	19.92
1.6mm	Thermo Drive Chisel	1121-0510-P5	110-4942	26.50	25.71	24.93
1.6mm	Extended Chisel	1121-0533-P5	110-4940	21.17	20.53	19.92
2.4mm	Extended Chisel	1121-0529-P5	110-4945	21.17	20.53	19.92
3.2mm	Chisel	1121-0337-P5	110-4939	21.17	20.53	19.92
3.2mm	Thermo Drive Chisel	1121-0518-P5	110-4944	26.50	25.71	24.93
Conical Tip						
0.4 mm	Bent Conical	1121-0830-P5	110-4938	21.17	20.53	19.92
0.4 mm	Extended Conical	1121-0528-P5	110-4946	21.17	20.53	19.92
0.8 mm	Extended Conical	1121-0527-P5	110-4941	21.17	20.53	19.92
Other						
	Mini Wave Angled	1121-0610-P5	110-4947	26.50	25.71	24.93

MT-100 Tip Cartridges



- A range of tips for use with the Pace MT-100 MiniTweez

TIP IMAGE	COMPONENT TYPE	TIP SIZE (AxB)	ORDER CODE	MFRS. LIST NO.
	Chip	0.2mm		1124-1001-P1
			469-9348	
	Chip, SOT's	0.7 x 0.5mm	469-9350	1124-1002-P1
		0.7 x 1.0mm		1124-1003-P1
			469-9361	
	SOIC's, SOT, TSOP's Narrow Body Connectors	0.7 x 6.0mm	469-9385	1124-1005-P1
		0.7 x 8.0mm	469-9397	1124-1006-P1
		0.7 x 10.0mm		1124-1007-P1
			469-9403	

339230 344679

Order Code	Price Each		
	1+	5+	10+
All Order Codes	35.61	34.54	

Pace tip cartridges for use with TD-100 Handpiece



TIPS (w/PART NUMBER)	TIP DESCRIPTION	ORDER CODE
	1/32" Conical Sharp Extended	413-2130
	1/64" Conical Sharp Bent 30°	161-1065
	1/64" Conical Sharp Extended	413-2142
	1/32" 30° Chisel	161-1064
	1/32" 30° Chisel	413-2154
	3/32" 30° Chisel	413-2166

TIPS (w/PART NUMBER)	TIP DESCRIPTION	ORDER CODE
	1/64" Conical, Sharp, Bent 30°	413-2178
	30° Chisel	413-2180
	Conical Sharp	413-2191
	Angled MiniWave	413-2208
	Single Sided Chisel	413-2210
	Angled MiniWave	413-2221
	Conical	413-2233

- Employs a unique key lock feature to ensure proper tip orientation.
- Lock feature allows all forces to be transferred to the handle protecting the electrical connection
- Instant tip change

240303

Order Code	Price Each		
	1+	5+	10+
413-2130	6.29	6.10	5.91
NEW 161-1065	6.29	6.10	5.91
413-2142	6.29	6.10	5.91
NEW 161-1064	6.29	6.10	5.91
413-2154	6.29	6.10	5.91
413-2166	6.29	6.10	5.91
413-2178	6.29	6.10	5.91
413-2180	6.29	6.10	5.91
413-2191	6.29	6.10	5.91
413-2208	6.29	6.10	5.91
413-2210	6.29	6.10	5.91
413-2221	6.29	6.10	5.91
413-2233	8.41	8.15	7.91

SX70/SX80 De-Soldering Endura Tips



- Tips last up to twice as long as conventional desoldering tips
- Requires less maintenance and cleaning than existing tips, saving time
- Allows for continuous workflow
- Supplied in packs of 5

Tip	Description	Size	Mfrs. List No.
Recommended for Thru-Hole Desoldering			
	Thermo-Drive	0.030" (0.76mm) I.D. x 0.080" (2.03mm) O.D.	1121-0625-P5
	Thermo-Drive	0.040" (1.02mm) I.D. x 0.090" (2.29mm) O.D.	1121-0624-P5
	Thermo-Drive	0.060" (1.52mm) I.D. x 0.120" (3.05mm) O.D.	1121-0626-P5
	Thermo-Drive	0.090" (2.29mm) I.D. x 0.200" (5.1mm) O.D.	1121-0627-P5
Recommended for Thru-Hole Desoldering in Tight Areas			
	Precision	0.020" (0.5mm) I.D. x 0.070" (1.79mm) O.D.	1121-0680-P5
	Precision	0.030" (0.76mm) I.D. x 0.080" (2.03mm) O.D.	1121-0678-P5
	Precision	0.040" (1.02mm) I.D. x 0.090" (2.29mm) O.D.	1121-0679-P5
	Precision	0.060" (1.52mm) I.D. x 0.110" (2.79mm) O.D.	1121-0690-P5
Recommended for Surface Mount Land and Via Desoldering			
	Flo-D-Sodr	0.060" (1.52mm) I.D. x 0.188" (4.78mm) O.D.	1121-0631-P5

212626

Mfrs. List No.	Order Code	Price Per Pack		
		1+	5+	10+
1121-0625-P5	322-8540	32.45	31.47	30.53
1121-0624-P5	322-8551	32.45	31.47	30.53
1121-0626-P5	322-8563	32.45	31.47	30.53
1121-0627-P5	351-9661	32.45	31.47	30.53
1121-0680-P5	322-8575	16.61	16.11	15.63
1121-0678-P5	322-8587	16.61	16.11	15.63
1121-0679-P5	322-8599	16.61	16.11	15.63
1121-0690-P5	322-8605	16.61	16.11	15.63
1121-0631-P5	322-8617	32.45	31.47	30.53

SX90 De-Soldering Tips

- SX-90 Tips are long lasting, high performance tips
- Quick changeover of hot tips maximises productivity
- Virtually non-clogging, allows for continuous workflow
- Greater Thermal Transfer allowing for lower temperature operations to ensure board/component safety
- SX-90 Tips can only be used with SX-90 heaters (Order Code: 127-9331)
- Supplied in packs of 5

Tip	Description	Size	Mfrs. List No.
Recommended for Thru-Hole Desoldering			
	Thermo-Drive	0.030" (0.76mm) I.D. x 0.080" (2.03mm) O.D.	1121-0930-P5
	Thermo-Drive	0.040" (1.02mm) I.D. x 0.090" (2.29mm) O.D.	1121-0931-P5
	Thermo-Drive	0.060" (1.52mm) I.D. x 0.120" (3.05mm) O.D.	1121-0932-P5
	Thermo-Drive	0.090" (2.29mm) I.D. x 0.200" (5.1mm) O.D.	1121-0933-P5
Recommended for Thru-Hole Desoldering in Tight Areas			
	Precision	0.020" (0.50mm) I.D. x 0.070" (1.79mm) O.D.	1121-0680-P5
	Precision	0.030" (0.76mm) I.D. x 0.080" (2.03mm) O.D.	1121-0678-P5
	Precision	0.040" (1.02mm) I.D. x 0.090" (2.29mm) O.D.	1121-0679-P5
	Precision	0.060" (1.52mm) I.D. x 0.110" (2.79mm) O.D.	1121-0690-P5
Recommended for Surface Mount Land and Via Desoldering			
	Flo-D-Sodr	0.060" (1.52mm) I.D. x 0.188" (4.78mm) O.D.	1121-0945-P5

512447

Mfrs. List No.	Order Code	Price Per Pack		
		1+	5+	10+
1121-0930-P5	161-1054	32.45	31.47	30.53
1121-0931-P5	161-1055	32.45	31.47	30.53
1121-0932-P5	161-1056	32.45	31.47	30.53
1121-0933-P5	161-1058	32.45	31.47	30.53
1121-0941-P5	161-1059	18.73	18.17	17.62
1121-0942-P5	161-1060	18.73	18.17	17.62
1121-0943-P5	161-1061	18.73	18.17	17.62
1121-0944-P5	161-1062	18.73	18.17	17.62
1121-0945-P5	161-1063	32.45	31.47	30.53

TT65 Surface Mount Removal Tips

SURFACE MOUNT CHIP COMPONENT REMOVAL TIPS	TIP DESCRIPTION	TIP SIZE	MFRS. LIST NO.	ORDER CODE
<p>Standard Wall Thickness = 0.050" (1.3mm)</p> <p>Application: Chip Component</p>	Chip Component (Vertical)	A = 0.08" (A = 2mm)	1121-0313-P1	312-0510
<p>Application: Chip Components</p>	1/64" Angled Fine Point Conical Chip Component	A = 0.017" (A = 0.43mm)	1121-0517-P1	312-0521
<p>Application: SOIC/SQJ SIMMS Modules</p>	SOIC, SQJ/SIMMS Component	A = 0.7" (A = 17.8mm)	1121-0416-P1	312-0533

PLCC REMOVAL TIPS	DESCRIPTION (suggested application)	TIP SIZE A x B	MFRS. LIST NO.	ORDER CODE
<p>Standard Wall Thickness = 0.050" (1.3mm)</p> <p>Application: PLCC</p> <p>The ThermoTweezers can also remove leadless components (LCCs) if sized correctly.</p>	PLCC-44, PQFP-84	0.57 x 0.57" (14.5mm x 14.5mm)	1121-0318-P1	312-0545
	PLCC-52, PQFP-100	0.67 x 0.67" (17mm x 17mm)	1121-0319-P1	312-0557
	PLCC-68, PQFP-100	0.86 x 0.86" (21.9mm x 21.9mm)	1121-0320-P1	312-0569

212617

Pack Quantity=1 Pair		Price Per Pair		
Order Code		1+	5+	10+
312-0510		44.90	43.55	42.25
312-0521		18.47	17.91	17.37
312-0533		49.10	47.63	46.20
312-0545		44.90	43.55	42.25
312-0557		48.69	47.23	45.81
312-0569		40.64	38.70	36.94

TP-65 ThermoPik Handpiece Tips

TIPS	DESCRIPTION	TIP SIZE A x B	MFRS. LIST NO.	ORDER CODE
<p>Application: PQFP</p> <p>NOT: The ThermoPik will also remove bumper-pack components</p>	PQFP-208-Tip	1.18 x 1.18" (30mm x 30mm)	1121-0544-P1	312-0612
	PQFP-160 Tip PQFP-208 Tip	1.22 x 1.22" (31mm x 31mm)	1121-0351-P1	312-0582

NOTE: The TP-65 ThermoPik requires the use of an SX Tip and Tool Stand (312-0363) which must be ordered separately

212619

Pack Quantity=1		Price Each		
Order Code		1+	5+	10+
312-0612		46.67	45.27	43.91
312-0582		40.99	39.04	37.26

TP-100 Handpiece Tips

DESCRIPTION	Size - A	Size - B	Component Height	Component Foot Print	Mfrs. List No.	Order Code
TIP, REMOVAL, LQFP/TQFP, 80	12mm	12mm	1.4mm	2.0mm	1124-2001-P1	132-2585
TIP, REMOVAL, TQFP, 64/80/100/120/128	14mm	14mm	1.4mm	2.0mm	1124-2002-P1	132-2586
TIP, REMOVAL, TQFP, 128/144/160/176	20mm	20mm	1.4mm	2.0mm	1124-2003-P1	132-2587
TIP, REMOVAL, TQFP, 208/256	28mm	28mm	1.4mm	2.0mm	1124-2005-P1	132-2591
TIP, REMOVAL, QFP, 64/80/100/128	14mm	20mm	2.7mm	3.2mm	1124-2008-P1	132-2592

454570

Mfrs. List No.	Order Code	Price Each
1124-2001-P1	132-2585	72.25
1124-2002-P1	132-2586	72.25
1124-2003-P1	132-2587	72.25
1124-2005-P1	132-2591	51.50
1124-2008-P1	132-2592	72.25

TJ-70 ThermoJet Handpiece Tips

TIPS	DESCRIPTION	TIP SIZE	ORDER CODE
	Small, Straight, Single Jet Tip	-----	312-0636
	Small, Curved, Single Jet Tip	-----	312-0648
	Flat End Tip	A = 0.24" (6.10mm) B = 0.074" (1.88mm)	312-0661

NOTE: The TJ-70 requires an SX Tip and Tool Stand (312-0363) which must be ordered separately

212618

Pack Quantity=1		Price Each		
Order Code		1+	5+	10+
312-0636		34.93	33.88	32.86
312-0648		38.77	37.61	36.48
312-0661		33.95	32.33	30.86

Pace Tips & Accessories - continued

Chisel Tip Kit



Chisel Tip Kit Contents:
 1.6mm Chisel - 1121-0414
 3.2mm Chisel - 1121-0337
 2.4mm Chisel - 1121-0360
 0.8mm Bent Chisel - 1121-0361
 1.6mm Thermo-Drive Chisel - 1121-0510
 4.8mm Chisel - 1121-0358
 Extended Reach Single-sided Chisel - 1121-0532
 3.2mm Thermo-Drive Chisel - 1121-0518



229930

	Order Code	1+	5+	10+
Chisel Kit	370-1578	34.23	33.20	32.20

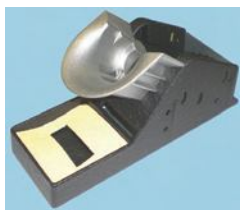
Endura Tip Kit
SX80/SX70

Endura Tip Kit Contents:
 Thermo-Drive (0.76mm-id) - 1121-0625
 Thermo-Drive (1.02mm-id) - 1121-0624
 Thermo-Drive (1.52mm-id) - 1121-0626
 Thermo-Drive (2.29mm-id) - 1121-0627
 Precision (0.5mm-id) - 1121-0680
 Precision (0.76mm-id) - 1121-0678
 Precision (1.02mm-id) - 1121-0679
 Flo-D-Sodr (1.52mm-id) - 1121-0631



229931

	Order Code	1+	5+	10+
Endura Kit	370-1580	47.07	45.66	44.29

Iron Stands
Standard

- Free-standing or chassis mountable
- Tip storage at the rear
- Supplied with sponge

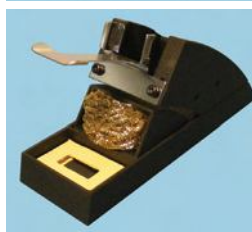
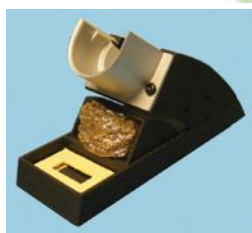


SX-90 Iron Stand

447789

Iron Series	Mfrs. List No.	Order Code	Price Each
SX90	6019-0060-P1	127-9368	38.77

Iron Stands with Integrated Brass Wool Tip Cleaner



- Increases Tip Life
- Removes Oxides Effectively
- High Quality Sponge
- Improves Operator Safety
- Ergonomic Design



526361

Description	Mfrs. List No.	Order Code	Price Each
PS-90 Tip & Tool Stand	6019-0081-P1	166-0850●	1+
SX-90 Tip and Tool Stand	6019-0082-P1	166-0851●	54.45
MT-100 Tip & Tool Stand	6019-0080-P1	166-0852●	54.45
TD-100 Tip & Tool Stand	6019-0079-P1	166-0853●	54.45
Accessories			
Brass Wool	1129-0018-P1	166-0854●	3.82
Sponge (3 pack)	4021-0013-P3	166-0855●	8.56

Tip Redi-Rak



- Heat resistant tip storage facility
- Fits into tip and tool stand
- Safe tip storage
- Aids tip location
- Improves efficiency

212605

Order Code	1+	5+	10+
312-0430	9.41	9.13	8.86

Tip Temperature Monitor



The Tip Temperature Monitor is a fast and accurate way to measure the surface temperatures of a soldering tip where the tip actually contacts the work. The Tip Temperature Monitor is quickly and easily calibrated using an internal precision resistor.

Included: 9V battery, K-type probe and 10 replacement temperature sensors.

- Easy to read LCD display
- Grounding jack
- Portable
- Celcius or Fahrenheit display
- Battery operated
- Replaceable sensor
- External K-type probe for monitoring external sources e.g. solder pots

447777

Description	Order Code	Price Each
Tip Temperature Monitor	127-9374●	138.52
Accessories		
Replacement Sensor	127-9344●	22.94

Spares For Soldering Irons and Stations



212606

Description	Mfrs. List No.	Order Code	1+	5+	10+
Heater Elements					
SX-70 Desolder Tool	60100080-P1	312-0090	64.18	62.26	60.39
Tip and Tool Stand					
Replacement Sponges (3)	40210008-03	312-0405	8.56	8.31	8.06
SX-70 Handpiece					
Glass Chamber	1265-0009-P1	312-0442	7.12	6.91	6.70
Glass Chamber Filter (10)	1309-0018-P10	312-0466	2.79	2.70	2.62
ST75 Station					
Visifilter Element(10)	1309-0027-P10	312-0454	7.70	7.46	7.24
General					
3/16" Wire Brush	1127-0014-P5	312-0429	14.25	13.82	13.40

Weller Soldering Stations



WHS 40 D Temperature Controlled Soldering Station

For hobbyist and semi-professional users



- Temperature controlled soldering station
- 18 V low voltage soldering iron
- Temperature variable 150°C to 450°C
- Digital display of temperature
- Ergonomically designed handle
- Meets European safety standard and is CE approved
- Supplied with 2mm iron plated chisel tip, stand and sponge

An entry level hand soldering station for use with through hole and surface mount components, with digital display. The station is particularly aimed at non- professional users

485906

Mfrs. List No.	Order Code	1+	5+
WHS 40D UK	148-9551●	111.49	108.15
WHS 40D EU	152-3763●	111.49	108.15

WHS40 Soldering Station 40W



An entry level hand soldering station for use with through hole and surface mount components, with analogue temperature scale. The station is particularly aimed at non-professional users

- Temperature controlled soldering station
- 18 V low voltage soldering iron
- temperature variable 200 to 450°C
- Analogue temperature scale
- Ergonomically designed handle
- Meets European safety standard and is CE approved
- Supplied with 2mm nickel plated chisel tip, stand and sponge

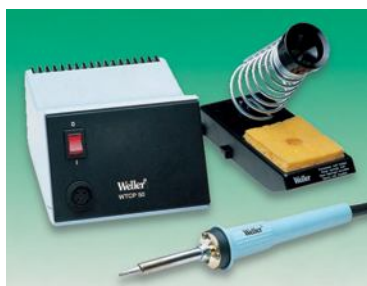
Main supply: 230V, 50Hz

Note: Nickel plated tips are supplied as card of three, iron plate tips are supplied each

232384

Station	Mfrs. List No.	Order Code	1+	3+	6+	12+
WHS40		957-896	80.85	78.42	76.07	73.79
Tips	Plating					
0.4mm Conical	Iron	0054321099	957-926	4.75	4.61	--
2.0mm S/Driver	Iron	0054321199	957-938	4.53	4.39	--
3.5mm S/Driver (PK3)	Nickel	S3	957-940	3.88	3.76	--

Magnastat Soldering Station WTCP51



- Controlled through ferro-magnetic sensing
- Soldering temperature set by changing tip
- Station supplied with Pencil, PT-B7 Tip and Support
- P50/P51 power unit will only drive TCPS soldering irons
- Supplied with UK mains lead

Station comprises: TCPS soldering iron, P51 power unit and KH20 bench support

212632

Description	Order Code	1+	5+	10+
Station	WTCP 51	321-2300	135.68	131.61
Power Unit	P51	321-2210	69.51	67.42
Soldering Pencil	TCPS	836-503	57.79	56.06
Support	KH20	454-734	15.08	14.63
Fume Ex Iron for P50/51 Power Unit	FE50M	321-2324	97.15	94.24
Fume Ex Iron for PS Power Unit	FE50M UK	415-546	97.15	94.24
TCPUK	0151004199	415-522	57.79	56.06
TCP3MUK	0151004299	415-534	64.49	62.56

Magnastat Controlled, 50 Watts, 24V ac - TCP3MUK UK Version for use with PS2/PS3 Power Supplies



Barrel length (excl tip)=50, Barrel dia=9

- Lightweight thermoplastic handle
- Capacitor is incorporated to prolong switch life and eliminate interference
- Compatible with any PS series power supply
- Fitted with a 3 core, 1.5m silicone lead as standard or 3m version available
- Supplied with longlife tip, Order Code 416-290,
- Supplied with a Bulgin 3 pin connector

22215

Mfrs. Ref.	Mfrs. List No.	Order Code	1+	5+	10+	48+
TCP3MUK	0151004299	415-534	64.49	62.56	60.68	58.86

Magnastat Controlled, 35 Watts, 12V dc - TCP-12V For use with Car Battery or 12V Power Supply

Weller
COOPER Hand Tools



Barrel length (excl tip)=50mm,
Barrel dia=9mm

- Operates on 12V dc
- Can be powered from a car battery
- Incorporates all features of standard TCP iron
- Fitted with 2 core, 1.3m silicone lead
- Supplied without a plug
- Supplied with longlife tip. Order code 416-290

Note: This item is not to be used with Weller 24V power supplies

222222

Mfrs. Ref.	Mfrs. List No.	Order Code	1+	5+	10+	48+
TCP12V	0051005399	415-510	59.46	57.68	55.95	54.27

WS81 Soldering Station

Weller
COOPER Hand Tools



An 80 watt electronically controlled soldering station. The station has an analogue temperature scale and is suitable for through hole and surface mount printed circuit board assembly and rework operations

- Rating 80W
- Supply 230V input, 24V output
- Temperature range: 150°C to 450°C
- Temperature accurate to $\pm 2\%$ of Max.
- Temperature set by rotary potentiometer
- LED temperature condition indicator
- ESD safe
- Can drive all Weller electronically controlled tools up-to 80W rating compatible with the station
- Uses LT series tips
- Lead free manufacture compatible

Station comprises:

PU81 power unit, Mfr's List No. 0053252399

WSP80 soldering iron, Mfr's List No. 0052918099

WPH80 bench support, Mfr's List No. 0051514099

249284

Mfrs. List No.	Order Code	1+	Price Each
WS81	972-009	166.66	+

WS 81T Soldering Station

Weller
COOPER Hand Tools



The 95 W soldering station uses an 'intelligent' power unit with the Stop & Go safety rest, this results in the soldering iron being automatically switched off, helping to reduce operating costs. The Fast-Heat-Recovery-Function means the time needed for the soldering iron to reach working temperature is minimized. While the Interlock function prevents unauthorised changes to settings and ensures a controlled work process.

Station comprises: WS 81T soldering station, WSP 80 soldering pencil and WDH 10T safety rest.

Input Voltage	230V / 50/60Hz
Power Input	95W
Protection Class	I and III
Temperature Range	150°C to 450°C (300°F-850°F)
Temperature Accuracy	$\pm 2^\circ\text{C}$ ($\pm 4^\circ\text{F}$)
Dimensions (LxWxH)	166 x 115 x 101mm

523988

Mfrs. List No.	Order Code	Price Each
WS 81T UK	165-5673●	151.00
WS 81T EU	165-0140●	151.00

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Weller Soldering Stations - continued

WSD81 Soldering Station



Weller
COOPER Hand Tools

An 80 watt electronically controlled soldering station. The station has a digital temperature display and is suitable for through hole and surface mount printed circuit board assembly and rework operations

- Rating 80W
- Supply 230V input, 24V output
- Temperature range: 50°C to 450°C
- Temperature accurate to ±2% of Max. temp
- Temperature set by up-down push buttons
- Digital temperature display shows set, read and actual temperatures
- ESD safe
- Can drive all Weller electronically controlled tools up-to 80W rating compatible with the station
- Additional functions can be programmed by the Weller WCB units
- Automatic tool recognition and self-calibrating
- Uses LT series tips
- Lead free manufacture capability

Station comprises:

PUD81 power unit, Mfr's List No. 0053262399

WSP80 soldering iron, Mfr's List No. 0052916199

WPH80 bench support, Mfr's List No. 0051514099

249289

Mfrs. List No.	Order Code	1+	5+	10+
WSD81	977-974●	211.89	—	—

WSD151 Soldering Station

Weller
COOPER Hand Tools



A 150 watt electronically controlled soldering station. The station has a digital temperature display and is specifically designed for those applications requiring high power / high temperature solutions

- Temperature set by up-down push buttons
- Digital temperature display shows set, read and actual temperature
- ESD safe
- Potential balance socket
- Can drive all Weller electronically controlled tools compatible with the station
- Automatic tool recognition
- Additional functions can be programmed by WCB unit
- On/off switch
- Lead free manufacture capability

Contents of WSD151: PUD151 power unit, WSP150 soldering iron and KH27 bench support

Note: The WSP150 soldering iron uses LHT series tips

Input Voltage	230V / 50/60Hz
Power Input	150W
Protection Class	I (Control Unit)
Temperature Range	50°C - 550°C (150°F-1022°F) (WSP150 only, 450°C max for other tools)
Temperature Accuracy	± 2°C of max temp
Dimensions (LxWxH)	166 x 115 x 101mm

417356

Description	Mfrs. List No.	Order Code	1+	5+	10+
WSD151 Soldering Station (UK)	005 32 763 99	101-8756	372.69	361.51	350.66
Individual Items					
WSP150 Soldering Iron	005 29 170 99	101-8758	159.96	155.16	150.51
KH27 Bench Support	005 15 027 99	855-250	15.08	14.63	

See our range of **Weller Solder Tips** on page 1768

WD1000 Soldering Station

Uses WD1 Control Unit

Weller
COOPER Hand Tools



The WD1000 Soldering Station provides increased functionality and greater controllability to meet the demands of current day assembly, rework, repair and laboratory requirements. The WD1 control unit supplied with the station is an ergonomic design with a LCD display; it incorporates a microprocessor controlled, closed loop temperature control system to ensure temperature accuracy and dynamic temperature stability. All "Temtronic" tools up to a maximum of 80W can be driven from the power unit.

- Large scale easy view LCD display
- ESD Safe
- Lead free manufacture capability
- Three fixed temperatures can be assigned with the temperature buttons - You can set the temperatures value as desired
- Temperature lock, set back and calibration, programmable from the power unit
- Interlock functions and remote ID for ISO applications
- You can extend the functional diversity of this unit with a USB interface for ISO application for calibration, configuration and precise measured values
- The soldering tools themselves are recognised automatically by the WD1/WD1000 and the corresponding control parameter assigned
- Antistatic design of the safety rest has four different settings
- The WP80 uses LT series tips

Contents of WD1000: WD1 control unit, mains cable, operating instructions, safety information, jack plug, soldering iron WP80, safety rest WDH10

Input Voltage	230V / 50/60Hz
Power Input	95W
Protection Class	I (Control Unit), III (Soldering Iron)
Dimensions (LxWxH)	134 x 108 x 147mm
Temperature Control	50°C - 450°C (150°F-850°F)
Temperature Accuracy	± 9°C (±17°F)
Temperature Stability	± 5°C (±9°F)
Leak Resistance of Soldering Tip *	≤ 2 Ω (Tip to ground)
Leak Voltage of Soldering Tip *	≤ 2 mV (Tip to ground)

* Tip to ground

414835/436433

Description	Mfrs. List No.	Order Code	1+	5+	10+
WD1000 Station (UK)	005 34 023 99	101-8750	247.90	240.46	233.25
Individual Items					
WD1 Control Unit (UK)	005 34 003 99	125-6917●	134.00	129.98	126.08
WP80 Soldering Iron	005 29 178 99	128-2089●	102.18	99.11	96.14
WDH 10 Soldering Iron Stand	WDH 10	999-4068	24.71	23.97	

Weller
COOPER Hand Tools

**Weller Tips -
See Page 1768**

WD 1000T Soldering Station

Weller
COOPER Hand Tools



The WD 1000T is based on Weller's highly successful WD 1000 station. The WD 1000T gives users the same extensive functionality of the WD 1 control unit and the WP 80 iron's short tip to grip dimensions but with the added benefits of the new WDH 10T safety stand with Stop+Go functionality and integrated WDC 2 dry tip cleaner. Using the WDH 10T Stop+Go safety stand in conjunction with the WD 1 control unit results in

the automatic return of the soldering iron to its set back temperature when it is placed in the safety stand. When the iron is removed from the safety stand it will be automatically reset to its operating temperature. This process will extend the working life of the tip.

- Large scale easy view LCD display
- ESD Safe
- Lead free manufacture capability
- Three fixed temperatures can be assigned with the temperature buttons - You can set

the temperatures value as desired

- Temperature lock, set back and calibration, programmable from the power unit
- Interlock functions and remote ID for ISO applications
- You can extend the functional diversity of this unit with a USB interface for ISO application for calibration, configuration and precise measured values
- The soldering tools themselves are recognised automatically by the WD1/WD1000 and the corresponding control parameter assigned
- Antistatic design of the safety rest has four different settings
- The WP80 uses LT series tips

Contents of WD 1000T: WD1 control unit, mains cable, operation cable, safety information, jack plug, WP80 soldering iron, safety rest WDH 10T

Technical Data

Input Voltage	230V / 50/60Hz
Power Input	95W
Protection Class	I (Control Unit), III (Control Unit)
Dimensions (LxWxH)	134 x 108 x 147mm
Temperature Control	50°C - 450°C (150°F-850°F)
Temperature Accuracy	± 9°C (±17°F)
Temperature Stability	± 5°C (±9°F)
Leak Resistance of Soldering Tip *	< 2 Ω (Tip to ground)
Leak Voltage of Soldering Tip *	< 2 mV (Tip to ground)

* Tip to ground

483417

Mfrs. List No.	Order Code	Price Each
WD 1000T (UK)	144-7699●	1+
WD 1000T (EU)	144-7700●	259.63
		259.63

WD 1000HPT Soldering Station



The WD 1000HPT station features the new 120 W High Power Tool, the new WP 120 soldering iron. This iron is ideal for soldering on challenging circuit boards with heat sinks and soldering joints that cause large dissipation in heat transfer. The WD 1000HPT station is specifically designed for your soldering operations which need a combination of high energy and maximum precision.

- Large scale easy view LCD display
- ESD Safe
- Lead free manufacture capability
- Three fixed temperatures can be assigned with the temperature buttons - You can set the temperatures value as desired
- Temperature lock, set back and calibration, programmable from the power unit
- Interlock functions and remote ID for ISO applications
- You can extend the functional diversity of this unit with a USB interface for ISO application for calibration, configuration and precise measured values
- The soldering tools themselves are recognised automatically by the WD1/WD1000 and the corresponding control parameter assigned
- The WP120 uses XT series tips

Contents of WD 1000HPT: WD 1M control unit, WP120 soldering iron, safety rest WDH 10T

Technical Data

Input Voltage	230V / 120V / 50/60Hz
Power Input	160W
Protection Class	I (Power Unit), III (Soldering Unit)
Dimensions (LxWxH)	134 x 108 x 147mm
Temperature Control	50°C - 450°C (150°F-850°F)
Temperature Accuracy	± 9°C (±17°F)
Temperature Stability	± 5°C (±9°F)
Soldering tip leakage resistance	< 2 Ω (Tip to ground)
Soldering tip leakage current	< 2 mV (Tip to ground)

Contents of WP 120 Kit: WP120 soldering iron and safety rest WDH 10T

508834

Description	Mfrs. List No.	Order Code	1+	5+	10+
WD 1000HPT (UK)	005 34 163 99	157-4579●	348.00	337.56	327.43
WD 1000HPT (EU)	005 34 166 99	157-4580●	348.00	337.56	327.43
Individual Items					
WD1 Control Unit (UK)	005 34 003 99	125-6917●	134.00	129.98	126.08
WP120 Soldering Iron	005 29 193 99	157-4581●	123.50	119.80	116.20
WP 120 Soldering Kit	005 29 194 99	167-6503●	146.50	--	--
WP 120 Replacement Barrel	005 87 637 09	167-6521	7.20	--	--

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WD 2000 Soldering Stations



The WD 2000 microprocessor controlled soldering station can be used with the standard range of Weller electronically controlled soldering and rework tools that are compatible with the units. The WD2000 station has dual outputs and is supplied with 2 WP80 soldering irons and WDH10 safety stands. It can drive 2 tools of upto 80 watts rating, independently of each other, or one tool rated at 150 watts. They have a closed loop temperature control systems to provide dynamic temperature stability.

- Microprocessor-controlled soldering station in a modern ergonomic design for Weller soldering tools up to 150 W
- Temperature control 50°C- 450°C (150°C- 550°C with WSP 150)
- Big LCD display
- Three fixed temperatures can be assigned with the temperature buttons.
- The following settings are possible without any accessory unit:
- Custom-designed calibration function, programmable temperature decrease (setback), interlock functions and remote ID for ISO applications.
- The antistatic design of the safety rest has got four different settings.
- The soldering tools themselves are recognised automatically by the WD 1/WD 1000 and the corresponding control parameter assigned.
- Protection class I (control unit), protection class III (soldering iron)
- Equipotential bonding (normal state hard grounded)

485911

Mfrs. List No.	Order Code	1+	3+	5+
WD 2000 (EURO)	134-1268●	410.38	398.07	386.13

WD1 and WD2 Control Units



Single Output

Twin Output

These microprocessor controlled soldering stations can be used with the standard range of Weller electronically controlled soldering and rework tools that are compatible with the units. The WD1000 station has a single output and is supplied with a WP80 soldering iron and WDH10 safety stand. It is capable of driving tools upto a max rating of 80 watts. The WD2000 station has dual outputs and is supplied with 2 WP80 soldering irons and WDH10 safety stands. It can drive 2 tools of upto 80 watts rating, independently of each other, or one tool rated at 150watts. They have a closed loop temperature control systems to provide dynamic temperature stability

- Large scale easy view LCD display
- ESD Safe
- Lead free manufacture capability
- Three fixed temperatures can be assigned with the temperature buttons - You can set the temperatures value as desired
- Temperature lock, set back and calibration, programmable from the power unit
- Interlock functions and remote ID for ISO applications
- You can extend the functional diversity of this unit with a USB interface for ISO application for calibration, configuration and precise measured values
- Automatic tool recognition
- The **WD2** has the ability to control two 80W soldering irons at the same time or one soldering iron of 150W

Contents: Control unit, mains cable, operating instructions, safety information, jack plug

Note: All tools currently compatible with the PUD81 are compatible with the WD1 and all tools currently compatible with the PUD161 are compatible with the WD2. The WD1 and WD2 are replacements for the PUD81 and PUD161.

Dimensions (LxWxH)	134 x 108 x 147mm
Input Voltage	230V / 50/60Hz
Power Input	
WD1	95W
WD2	160W
Protection Class	I (Control Unit), III (Soldering Iron)
Temperature Control	50°C - 450°C (150°F-850°F)
Temperature Accuracy	± 9°C (±17°F)
Temperature Stability	± 5°C (±9°F)
Leak Resistance of Soldering Tip *	≤ 2 Ω (Tip to ground)
Leak Voltage of Soldering Tip *	≤ 2 mV (Tip to ground)

* Tip to ground



Weller Soldering Stations - continued

WD1 and WD2 Control Units - continued

Handpiece to Control Unit Compatibility				
Handpieces	WD1	WD2	Mfrs List No.	Order Code
WP 80 Soldering Iron	✓	✓	0052918099	128-2089
WP 80 Soldering Iron Set (Includes WDH80 Holder)	✓	✓	0052918199	128-2090
WMPR Soldering Iron	✓	✓	0052917199	112-0571
WMRT Thermal Tweezer	✓	✓	0051317299	112-0564
WSP 80 Soldering Iron	✓	✓	0052916199	125-6930
WSP 80 Soldering Iron Set (Includes WDH 10 Holder)	✓	✓	0052917899	999-4033
WMP Soldering Iron	✓	✓	WMP	125-6923
WMP Soldering Iron Set (Includes WDH 20 Holder)	✓	✓	0052917999	999-4025
MPR 80 Antistatic Soldering Peritronic Pencil	✓	✓	0052916399	125-6921
WTA 50 Tweezers	✓	✓	0051317199	125-6929
WHP 80 Preheating Plate 80W	✓	✓	0052702899	125-6928
WSB 80 Solder Bath	✓	✓	0052704099	466-4504
WSB 150 Solder Bath	✓	✓	0052704299	466-4516
FE 75 Soldering Iron with Fume Extraction 80W	✓	✓	0052916699	125-6924
FE 80 Soldering Iron with Fume Extraction 80W	✓	✓	0052616299	322-5562
WPHT Switching Holder (WMP)	✓	✓	WPHT	415-4678

422614/436426

Description	Mfrs. List No.	Order Code	1+	5+	10+
WD1 Control Unit (UK)	005 34 003 99	125-6917●	134.00	129.98	126.08
WD2 Control Unit (UK)	005 34 043 99	125-6918●	177.55	172.22	167.06

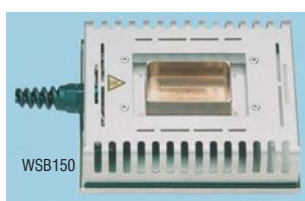
Irons for use with PU51, PU81, PUD81, PUD161, WD1 and WD2



MLR21
Barrel length (excl tip) = 52.8mm
Barrel dia = 6.8mm



MPR80
Barrel length (excl tip) = 52.8mm
Barrel dia = 6.8mm

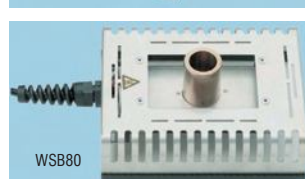


MLR21 - Micro 25W

- Suitable for all miniature soldering applications
- Anti-static



WSP80
Barrel length (excl tip) = 53mm
Barrel dia = 6.8mm



WSP80 - Soldering Iron for use with all 80W power units

- 80 Watt rated
- Rapid heat up, ambient to 350°C in 15 sec

MPR80 - Soldering Iron for use with all 80W power units

- 80 Watt rated
- Articulated element
- Lead free capable

WTA50 - Thermal Tweezers

- 25W per arm
- Dual temperature sensors
- Suited to SMD removal

FE80 - Soldering Iron with fume extraction for use with all power units

- 80 Watt rated
- Heavy duty
- Lead free capable

LR82 - Soldering Iron for use with all 80W power units

- 80 Watt rated
- Heavy duty
- Lead free capable

FE50 - Soldering Iron with fume extraction for use with all power units

- Features as LR21
- 80Watt rated
- Integral smoke tube
- Features as WSP80

WT20 Thermal Stripper for use with all power units

WHP80 Hot Plate for use with all power units

WTA50 Thermal Tweezers for use with all power units

WSB80 Solder Bath for use with all power units

WSB150 Solder Bath for use with all power units

Station Tool	WS 51	WSD 51	WS 81	WSD 80, WD1	WSD161, WD2	
					Channel 1	Channel 2
MLR 21	✓	✓	✓	✓	✓	✓
MPR 80			✓	✓	✓	✓
LR21	✓	✓	✓	✓	✓	✓
FE50						
WSP 80						
WSP 80 FE						
LR 82			✓	✓	✓	✓
WP 80			✓	✓	✓	✓
FE75			✓	✓	✓	✓
FE80			✓	✓	✓	✓
WST 50	✓	✓	✓	✓	✓	✓
WHP 80		✓		✓	✓	✓
WTA 50	✓	✓	✓	✓	✓	✓
WSP 150					✓	✓
WMP	✓	✓	✓	✓	✓	✓
WT 20	✓	✓	✓	✓	✓	✓
WHP 80	✓	✓	✓	✓	✓	✓
WTA 50	✓	✓	✓	✓	✓	✓
WSB 80	✓	✓	✓	✓	✓	✓
WSB 150					✓	✓

WT series tips for use with WTA50 Tweezer

Model	x	y	Component
WT-1	1,0	11	Chip 0405-1805, SOD80, MELF
WT-2	3,0	11	Chip 1808-1812, SOD87, SOT23, SOT143, SOD89
WT-3	6,0	11	SOT 192, SO4-S08
WT-4	12,5	10	SO14, SO16, SOJ14, SOJ16
WT-5	18,5	12	SO20, SO20L, SOJ20

222219

Irons	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
Micro 25W	MLR21	848-440	113.06	109.67	106.38
Ergonomic 80W	MPR80	125-6921●	113.06	109.67	106.38
High power 80W	WSP80UK	125-6930●	102.18	99.11	96.14
High power 80W	WP80	128-2089●	102.18	99.11	96.14
High power 80W	LR82	128-2091●	128.98	125.11	121.36
Thermal Tweezers50W	WTA50	125-6929●	178.39	173.04	167.85
Soldering Iron with fume extraction 80W	FE75	125-6924●	140.70	136.48	132.38
Soldering Iron with fume extraction 80W	FE80	322-5562	158.29	153.54	148.94
Soldering Iron Antistatic 50W	LR21ESD	125-6925●	83.33	80.83	78.41
Soldering Iron with fume extraction 50W	FE50	125-6926●	117.25	113.73	110.32
High power 150W	WSP 150	101-8758	159.96	155.16	150.51
Precision Soldering Iron65W	WMP	125-6923●	105.53	102.36	99.29
Thermal Stripper 50W	WST20	128-2107	376.88	—	—
Hot Plate 80W	WHP80	401-5010	268.00	259.96	252.16
Thermal Tweezers 50W	WTA50	125-6929●	178.39	173.04	167.85
Solder Bath	WSB 80	466-4504	221.10	214.47	208.03
High power solder bath	WSB 150	466-4516	303.18	294.08	285.26

Irons	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
Bench Holders					
Bench Holder	KH20	454-734	15.08	14.63	14.19
Micro	KH-15	971-522	15.49	15.03	14.57
Higher Power	WPH80	971-546	19.26	—	—
For use with WMP	WDH 10	999-4068	24.71	23.97	23.25
For use with WPH80	WDH 20	999-4076	24.71	23.97	23.25
Accessories					
Fume extraction attachment	0052918699	NEW 135-5622	20.94	—	—
Fume Extraction Kit	0052918599	NEW 148-9554	20.94	20.31	—
Tips - Thermal Tweezers					
WT-1		977-860	15.16	14.71	14.26
WT-2		977-871	15.16	14.71	14.26
WT-4		977-895	32.24	31.27	30.33
WT-5		977-901	32.24	31.27	30.33

Microprocessor controlled soldering station



The WD1000M is a multi-function device that is designed for special soldering tasks in the industrial manufacturing and repair service. The USB interface allows various ISO applications and control of the station via external PC. The WD 2M control unit has dual outputs.

Includes: WMRP soldering pencil with RT3 chisel tip and WMRT soldering pencil stand

WD1000M Features

- Large, easy view LCD display
- Lead free manufacturing capability
- 3 fixed temperatures (variable) can be assigned from temperature buttons
- High speed temperature regulation for use with WMRP and WMRT tools
- Temperature set back, lockout, offset functions and remote ID for ISO applications can be programmed from the unit
- USB interface allows for data logging, PC control and other ISO applications
- Software supplied
- Automatic tool recognition
- All Weller electronically controlled tools up-to 80W rating and compatible with the station can be driven from the power unit
- ESD safe
- Lead free manufacture capability

WD1000M includes: WD1M power unit, WMRP soldering iron, WDH50 safety stand and RT3 1.3mm chisel tip

WMRP Soldering Iron Features

- Light weight
- Integral tip, element and temp sensor
- Rapid heat up, 2-6sec dependant on set temperature
- Fast tip change, no tools required
- Iron heats up when removed from stand and switches off when replaced

Note: Tips and stand available separately

WMRT Micro Thermal Tweezer Set Features

- Light weight
- Rapid heat up
- Pre-set parallel tip cartridges
- Fast tip change, no tools required
- Tweezer heats up when removed from stand and switches off when replaced

WMRT Set includes: WMRT tweezer, RTW2 tip set and WMRT stop & go stand

Dimensions (LxWxH)	134 x 108 x 147
Input Voltage	230V ac / 50/60Hz
Power Output	85W
Protection Class	I (Control Unit), III (Soldering Iron)
Temperature Control	50°C - 450°C (150°F-850°F)
Temperature Accuracy	± 9°C (±17°F)
Temperature Stability	± 5°C (±9°F)
Leak Resistance of Soldering Tip *	≤ 2 Ω (Tip to ground)
Leak Voltage of Soldering Tip *	≤ 2 mV (Tip to ground)

* Tip to ground

448387

	Order Code	Price Each
WD1000M	126-8105	397.81
WMRP Soldering Iron	112-0571	97.99
WMRT Thermal Tweezer Set	117-4843	221.10
WMRT Thermal Tweezer	112-0564	97.15
RTW2 Tip set	112-0568	69.93
WMRT Stop & go Stand	112-0565	59.46

WD 1M & WD 2M Multifunctional Soldering Stations
with high speed control for micro-soldering tools

WD 1M



WD 2M

These microprocessor controlled control units are primarily for use with the WMRP micro soldering iron or the WMRT micro tweezer but can also be used with the entire range of Weller electronically controlled soldering and rework tools that are compatible with the units. The WD1M unit has a single output and can drive all electronically controlled tools upto a max rating of 80 watts. The WD2M unit has dual outputs and can drive 2 tools of upto 80 watts rating, independently of each other, or one tool rated at 150watts. They have a closed loop temperature control system to provide dynamic temperature stability

- High speed control for WMRP micro-soldering irons and WMRT micro-desoldering tweezers
- High-contrast LCD display
- Three temperatures can be programmed independently of one another using fixed temperature keys
- Special function menu for customer-specific calibration function, temperature reduction, locking function, remote ID for ISO applications
- Potential equalization (Hard-earthed on delivery)
- USB interface
- The soldering tools have to be ordered separately
- Automatic tool identification additionally for **WD 2M**:
- Parallel operation of 2 soldering tools with max. 80W
- If a 150W tool is connected, the second channel is switched off

Technical data

Dimensions:	134 x 108 x 147mm
Mains voltage:	230V/ 50/60Hz
Power consumption:	(WD 1M) / 160(WD 2M)
Protection class:	I (Controller), III (Soldering iron)
Temperature control:	50°C - 450°C
Temperature accuracy:	± 9°C (±17°F)
Temperature stability:	± 5°C (±9°F)
Soldering tip discharge resistance:	< 2 Ω (Tip to ground)
Soldering tip discharge voltage:	< 2 mV (Tip to ground)

List of accessories:

WMRP micro-soldering iron
WMRT micro-desoldering tweezers
WSP 80 soldering iron
MPR 80 soldering iron
LR 82 soldering iron
WSP 150 soldering iron (only WD 2M)
WMP soldering iron
WTA 50 desoldering tweezers
WHP 80 hot plate
WSB 80 solder bath
WSB 150 solder bath (only WD 2M)
FE 80 soldering iron

WD 1M supplied with: power supply unit 80W, mains cable, jack, operating instructions, safety guide

WD 2M supplied with: 2-channel power supply unit 160W, mains cable, jack, operating instructions, safety guide

WD 2000M Set: WD 2M Power Unit, WMRP Soldering Pencil, WMRT Micro Tweezers, Stop & Go stand

463326

	Mfrs. List No.	Weller Code	Order Code	Price Each	
				1+	3+
Power supply unit	WD 1M (UK)	0053406399	134-1265	203.51	197.40
Power supply unit	WD 1M (EU)	0053406699	112-0562	203.51	197.40
2-channel power supply unit	WD 2M (UK)	0053410399	134-1266	259.63	251.84
2-channel power supply unit	WD 2M (EU)	0053410699	112-0563	259.63	251.84
WD 2000M Set	WD 2000M (UK)	0053412399	157-8652	665.81	—
WD 2000M Set	WD 2000M (EU)	0053412699	150-6666	665.81	—

WMP Soldering Iron



- Short tip to ground distance (2.5cm) ensures precise precision control
- Ergonomic lightweight control
- Rapid heat up, 50°C to 350°C in 7 seconds
- Cool running handle for operator comfort
- Fast thermal recovery
- Hot tip change facility
- Integral element
- Uses NT series tips

241045

	Order Code	1+	Price Each	5+	10+
WMP	125-6923	105.53	102.36	99.29	

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See our pick of the hottest products and latest technologies in 'What's New?' at www.farnell.co.uk



Weller Soldering Stations - continued

WMP Soldering Iron Set



WMP soldering iron fitted with NT1 tip conical 0.25mm and WDH 20 safety stand. The WMP soldering iron is specifically designed for use with SMD components. It has a short tip to grip dimension for enhanced operator control, incorporates an integral heating element and has a hot change tip facility. The WDH20 safety stand complements the design of the WD series control units, It has a four position adjustable iron placement facility and three tip storage positions.

WMP Soldering Iron:

- Rated at 65W
- Short tip to grip distance ensures precise precision control
- Ergonomic lightweight control
- Rapid heat up, 50°C to 350°C in 7 seconds
- Cool running handle for operator comfort
- Fast thermal recovery
- Hot tip change facility
- Integral element
- Uses NT series tips

WDH 20 Soldering Iron Stand:

- Designed to complement the design of the WD1 and WD2 power units
- Antistatic
- Funnel insert for the soldering iron can be moved to an ergonomically favourable position without the use of tools
- Tip storage at the rear
- Pedestal plate contains an insert for a sponge (sponge supplied)

Contents:

WMP Soldering Iron	125-6923
WDH 20 Soldering Iron Stand	999-4076

422612/436651

Mfrs. List No.	Order Code	1+	3+	5+
WMP + WDH 20	999-4025	121.44	117.80	114.26
Individual Items (Available Separately)				
WMP	125-6923	105.53	102.36	99.29
WDH 20	999-4076	24.71	23.97	23.25

WMPR Soldering Set



- WMPR Temperature controlled soldering pencil
- Uses WDH 50 Bench Support
- Rated at 40W

Contents:

WMPR Soldering Pencil
WDH50 Bench Support

491458

Description	Order Code	1+	3+	5+
WDH 50 Soldering Set	150-6667	195.14	189.29	183.61

WMRT Micro Desoldering Tweezers with Safety Rest
for use with WMRS, WD 1M, WD 2M

The new WMRT desoldering tweezers enables the precise soldering and desoldering of very small SMD components. Power units WMRS, WD 1M, WD 2M drive the tweezers. When placed in the safety rest the tweezers are automatically switched off for extended tip life.

448335

Description	Mfrs. List No.	Order Code	1+	3+
Set: Micro tweezers & safety rest	WMRT+WMRTH	117-4843	221.10	--
Micro Tweezers	WMRT	112-0564	97.15	94.24
Safety Rest	WMRTH	112-0565	59.46	57.68
Price Per Pair				
Tip set	0.2mm	RTW 1	112-0567	69.93
Tip set	0.7mm x 0.4mm	RTW 2	112-0568	69.93
Tip set	3.0mm x 0.8mm	RTW 3	112-0569	78.73
Tip set	6.0mm x 0.7mm	RTW 4	112-0570	78.73

MIL Spec Accessories

WMPR Soldering Pencil & WMRT Desoldering Tweezers



The MIL Spec WMPR micro soldering iron, WMRT micro thermal tweezers and soldering tips have been developed by for special soldering applications where the former MIL standard needs to be met. The MIL soldering tips are manufactured with an additional internal earth which guarantees tip to ground leakage voltage of < 2mV. All MIL tools can be used in conjunction with the WD 1M and WD 2M control units.

526836

Description	Mfrs. List No.	Order Code	1+	3+
Soldering Pencil	0052919299	167-7651	106.37	--
Desoldering Tweezers	0051317599	167-7654	103.02	--
Price Per Pair				
0.2mm	RTW 1MS	167-6515	76.20	73.91
3.0mm x 0.8mm	RTW 3MS	167-6516	98.85	95.88
6.0mm x 0.7mm	RTW 4MS	167-6517	98.85	95.88

LR21 Soldering Iron Set



- LR21 Temperature controlled soldering iron
- Uses WDH 30 Bench Support
- Rated at 50W
- Soldering tips: ET series

Contents:

LR21 Soldering Iron
WDH 30 Bench Support

490520

Description	Mfrs. List No.	Order Code	1+
LR21 + WDH 30 Soldering Iron Set	0052918799	150-2814	95.48

LR82 Soldering Iron Set



- LR82 Temperature controlled soldering iron
- Uses WDH 30 Bench Support
- Rated at 80W
- Soldering tips: HT series

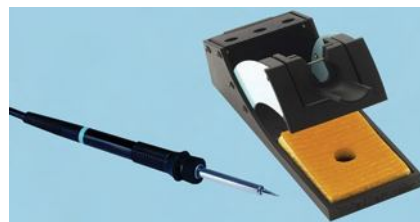
Contents:

LR82 Soldering Iron
WDH 30 Bench Support

490525

Description	Mfrs. List No.	Order Code	1+
LR82 + WDH 30 Soldering Iron Set	0052918899	150-2816	139.03

WSP80 Soldering Set



This soldering iron and stand set consists of the original WSP80 soldering iron and the new style WDH10 stand.

WSP 80 Soldering Iron:

- Rated at 80W
- Short heating up time
- Uses LT and LT-LF series tips

WDH 10 Soldering Iron Stand:

- Designed to complement the design of the WD1 and WD2 power units
- ESD safe
- Funnel insert for the soldering iron can be moved to an ergonomically favourable position without the use of tools
- Tip storage at the rear
- Pedestal plate contains an insert for a sponge (sponge supplied)

Contents:

WSP 80 Soldering Iron	125-6930
WDH 10 Soldering Iron Stand	999-4068

422611/436660

Mfrs. List No.	Order Code	1+	3+	5+
WSP 80 + WDH 10	999-4033●	116.83	113.33	109.93
Individual Items (Available Separately)				
WSP80	125-6930●	102.18	99.11	96.14
WDH 10	999-4068	24.71	23.97	23.25

WP80 Micro Soldering Pencil Set

The WP 80 micro soldering pencil set is ideal for work under microscopes with its short tip to grip length of 40mm. Set includes WP 80 micro soldering pencil and WDH10 safety stand.

- Short tip to grip length
- Rated at 80W
- Soldering tips:LT series

Weller
COOPER Hand Tools

448422

	Mfrs List No.	Order Code	1+	Price Each 5+	10+
WP 80 Soldering Set	5 29 181 99	128-2090●	116.83	113.33	109.93

**Iron Stands
Standard**

KH20



KH6

- KH20 for use with LR21, T3000 and TCP
- KH6 for use with W61 and W101
- Reinforced spring safety holder to prevent flex tangling in spring
- Supplied with sponge and cast iron base

222220

Iron Series	Mfrs. List No.	Order Code	Price Each
TCP	KH20	454-734	15.08
W61 & W101	KH 6	419-217	15.08
Sponge (5 pack)	52241999	800-636	6.89

WDH10 and WDH20 Soldering Iron StandsWeller
COOPER Hand Tools

WDH10



WDH20

- Designed to complement the design of the WD1 and WD2 power units
- ESD safe
- Funnel insert for the soldering iron can be moved to an ergonomically favourable position without the use of tools
- Tip storage at the rear
- Pedestal plate contains an insert for a sponge (sponge supplied)

Compatibility:

WDH 10	WSP 80 & WP 80 Soldering Iron
WDH 20	WMP Soldering Iron

422613/436663

Mfrs. List No.	Order Code	1+	3+	5+
WDH 10	999-4068	24.71	23.97	23.25
WDH 20	999-4076	24.71	23.97	23.25

WDH10T Stop + go stand for WSP80 and WP80 soldering ironWeller
COOPER Hand Tools

- Design is compatible with WD1(M), WD2(M), and WR3M Stations
- Accepts WDC2 Dry Cleaner Attachment
- Stop and Go function connects to the power unit to set back pencil when not in use
- Extends tip life by reducing temperature when not in use

477007

Mfrs List No.	Order Code	1+	3+	5+
WDH 10T	141-6002●	46.90	45.49	44.13

Bench SupportsWeller
COOPER Hand Tools**WPHM**

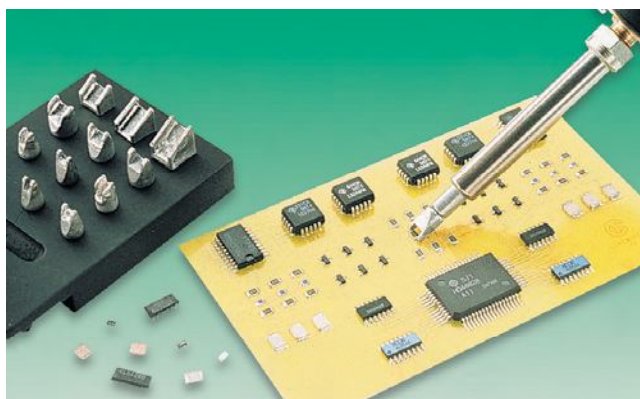
- Replacement bench support for WMP soldering iron

WPHT

- Stop and Go support
- Bench support for WMP soldering iron
- Required to automatically set back the temperature of 150°C

241053

Mfr's List No	Order Code	1+	5+	10+
WPHT	415-4678	58.56	57.27	55.84
WPHM	415-4680	20.10	19.50	18.91

Surface Mount**SMD Removal Tips for use with WSP80/WP80 Irons**Weller
COOPER Hand Tools

A comprehensive range of desoldering tips to cope with most surface mount packages. Soldering iron adaptors are required to enable the SMD tips to be used with irons which take either PT or ET series soldering bits.

Configuration	Component style	Component design	Component size (Inches) (L W H)	Mfrs. List No.
		0405	0.040 0.050 0.040	SMT0504
		0504	0.050 0.040 0.040	
		0505	0.050 0.050 0.040	
		1206	0.120 0.060 0.060	SMT1206
		1210	0.120 0.100 0.065	
		1825	0.197 0.157 0.066	SMT8
		Small Outline IC		



Weller Soldering Stations - continued

Surface Mount - continued

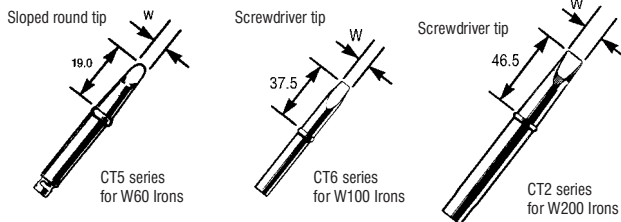
SMD Removal Tips for use with WSP80/WP80 Irons - continued

212498

Tips	Mfrs. List No.	Order Code	1+	25+	100+	200+
	SMT0504A	139-0364	16.00	15.52	15.05	14.60
	SMT1206D	416-964	15.91	15.43	14.97	14.52
	SMT8K	334-8568	15.91	15.43	14.97	14.52
Iron Adaptors						
LT to SMD Adaptor	0054441799	321-2269	14.99	14.54	14.10	13.68
SMTA for LR21 Adaptor	SMTA	139-0365	5.65	5.48	5.32	5.16
ET to LT for LR21 Adaptor	0058720781	139-0366	13.40	13.00	12.61	12.23

Weller Soldering Tips

CT Series Tips for W Series Irons

Weller
COOPER Hand Tools

Style Code	W	Style Code	W	Style Code	W
AA	1.6	D	5.0	F	10.0
BB	2.4	E	7.0		
CC	3.2	F	9.5		
DD	5				
C	3.2	E	7.0		
Temp. Code	Tip Temp.	Temp. Code	Tip Temp.	Temp. Code	Tip Temp.
7	370°C (700°F)	8	425°C (800°F)	8	425°C (800°F)
8	425°C (800°F)				

CT5CC7 fitted as standard

NB: CT5EE6 not available

CT6E7 fitted as standard

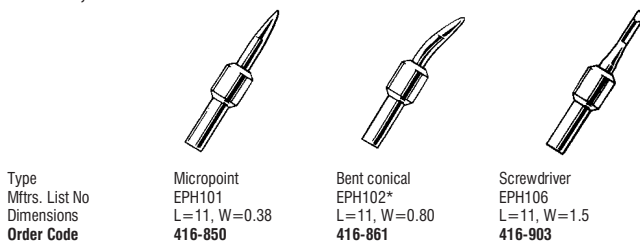
CT2F7 fitted as standard

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
CT5AA7	416-022	CT6C7	416-150	CT6F7	416-253
CT5AA8	416-034	CT6C8	416-162	CT6F8	416-228
CT5BB7	416-058	CT6D7	416-174	CT2E7	416-230
4CT5BB8	416-060	CT6D8	416-186	CT2E8	416-241
CT5CC7	416-083	CT6E7	416-198	CT2F7	425-461
CT5CC8	416-095	CT6E8	416-204	CT2F8	416-265
CT5DD7	416-113				

212680

Mfrs. List No.	1+	25+	100+	200+
All CT5 type	4.19	4.06	3.94	3.82
All CT6 type	8.79	8.53	8.27	8.02
All CT2 type	14.66	14.22	13.79	13.38

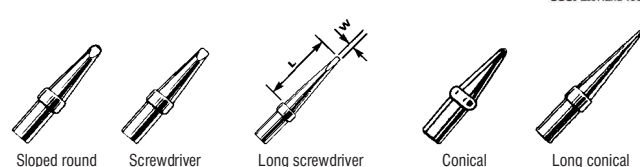
EPH Series Tips for EC1301, EC3000, EC3100, EC4000 and EC4100 Irons

Weller
COOPER Hand Tools

Order Code	1+	25+	100+	200+
EPH-101	416-850	5.50	5.34	5.17
EPH-102	416-861	5.50	5.34	5.17
EPH-106	416-903	5.50	5.34	5.17

212499

ET Series Tips for EC1201, FE50, LR21 and T3001 Irons

Weller
COOPER Hand Tools

Style	L	W	Mfrs List No.	Order Code
Sloped Round		1.2	ET-F	903-917
Sloped Round	16	3.2	ET-CC	416-745
Screwdriver	15.9	0.8	ET-H	416-757
Screwdriver	15.9	1.6	ET-A*	416-769
Screwdriver	15.9	2.4	ET-B	416-770
Screwdriver	15.9	3.2	ET-C	416-782
Screwdriver	19.1	5	ET-D	416-794
Screwdriver	19.1	6	ET-E	903-899
Long Screwdriver	25.4	1.2	ET-K	416-800
Long Screwdriver	25.4	2	ET-L	416-812
Long Screwdriver	25.4	3.2	ET-M	903-905
Conical	15.9	0.8	ET-P	416-824
Long Conical	25.4	0.8	ET-O	416-836
Long Conical	25.4	0.4	ET-S	416-848

*fitted as standard

222207

Order Code	1+	25+	100+	200+
ET-F	903-917	3.77	3.66	3.55
ET-CC	416-745	3.77	3.66	3.55
ET-H	416-757	3.77	3.66	3.55
ET-A	416-769	2.92	2.81	2.73
ET-B	416-770	3.77	3.66	3.55
ET-C	416-782	3.77	3.66	3.55
ET-D	416-794	3.77	3.66	3.55
ET-E	903-899	3.77	3.66	3.55
ET-K	416-800	3.77	3.66	3.55
ET-L	416-812	3.77	3.66	3.55
ET-M	903-905	3.77	3.66	3.55
ET-P	416-824	3.77	3.66	3.55
ET-O	416-836	4.06	3.96	3.70
ET-S	416-848	4.06	3.96	3.70

HT Series Tips for LR 82 Irons

Weller
COOPER Hand Tools

Model	Description	Width A	Thickness B	Mfrs. List No.
	Chisel Tip	3.2mm	1	HT-1
	Chisel Tip	5.2mm	1.2	HT-2
	Chisel Tip	7mm	1.2	HT-3
	Chisel Tip	3.2mm	1	HT-C
	Chisel Tip	5.6mm	1	HT-E

212635

Type	Mfrs. List No.	Order Code	1+	5+	10+
HT-1	HT-1	321-3717	16.33	15.84	15.36
HT-2	HT-2	321-3729	16.33	15.84	15.36
HT-3	HT-3	321-3730	16.33	15.84	15.36
HT-C	HT-C	321-3742	16.33	15.84	15.36
HT-E	HT-E	321-3766	16.33	15.84	15.36

LHT Series Tips

for use with WSP 150 soldering iron

Weller
COOPER Hand Tools

Mfrs. List No.	Width A	Thickness B	Order Code
LHT-C	3.2mm	1.2mm	128-2092
LHT-D	4.7mm	1.8mm	380-4586
LHT-E	6.7mm	1.8mm	380-4574
LHT-F	9.3mm	1.8mm	380-4562

448327

Typ	Order Code	1+	+	+	+
LHT-C	128-2092	8.04	--	--	--
LHT-D	380-4586	8.04	--	--	--
LHT-E	380-4574	8.04	--	--	--
LHT-F	380-4562	8.04	--	--	--

Over 480,000 products online



Soldering Tips for Lead Free

LT Series

Standard tips have an average iron layer of 200µm depending on the geometrical form. The new Weller LT Series tips carry an optimised layer of twice as much iron, thus enhancing the tip lifetime.

When lead-free soldering, a general recommendation is using a tip as big as possible and if necessary to improve the process by a thinner solder-wire. For lead free solder the adjusted soldering temperature at the station should be in the range of 340 - 360°C, depending on the geometry of the tip.

For further enhancement of tip lifetime Stop+Go stands should be used.

Mfrs List No.		Description	Width A	Thickn. B	Order Code
LT A		Chisel	1.6	0.7	132-3956
LT B		Chisel	2.4	0.8	132-3958
LT C		Chisel	3.2	0.8	132-3959
LT D		Chisel	4.6	0.8	132-3960
LT L		Long Chisel	2.0	1.0	132-3961
LT M		Long Chisel	3.2	1.2	132-3962
LT AS		Round	1.6	-	132-3971
LT CS		Round	3.2	-	132-3972
LT AA		Long Round	1.6	4	132-3965
LT BB		Round Spade	2.4	4.0	132-3966
LT CC		Round Spade	3.2	6.0	132-3967
LT DD		Round Spade	4.6	6.0	132-3968
LT AX		Chisel Bent	1.6	0.8	153-3173
LT GW		Gullwing	2.3	3.2	132-3973
LT KN		Knife	6.3	-	132-3974
LT O		Long Conical	0.8	-	132-3963
LT T		Long Conical	0.6	-	132-3964
LT 1SC		Chisel	0.4	0.15	154-9796

457070/457079

Mfrs. List No.	Order Code	1+	5+	10+
LT A	132-3956	3.69	3.58	3.47
LT B	132-3958	3.69	3.58	3.47
LT C	132-3959	3.69	3.58	3.47
LT D	132-3960	3.69	3.58	3.47
LT L	132-3961	3.69	3.58	3.47
LT M	132-3962	3.69	3.58	3.47
LT AS	132-3971	3.69	3.58	3.47
LT CS	132-3972	3.69	3.58	3.47
LT AA	132-3965	4.27	4.14	4.02
LT BB	132-3966	4.56	4.42	4.29
LT CC	132-3967	4.56	4.42	4.29
LT DD	132-3968	4.56	4.42	4.29
LT AX	153-3173	6.32	6.13	5.95
LT GW	132-3973	7.62	7.39	7.17
LT KN	132-3974	6.07	5.89	5.71
LT O	132-3963	4.27	4.14	4.02
LT T	132-3964	4.27	4.14	4.02
LT 1SC	154-9796	3.43	3.33	3.23
Accessories				
MT-LT ADAPTOR	154-9794	9.92	--	--

MT Series Tips for MLR21 and MPR30

Model	Description	Width A	Thickness B
MT-1	MT-1 Micropoint	0,25 mm	
MT-1S	MT-1S Micropoint	0,25 mm	1,6
MT-6	MT-6 Chisel	1,6 mm	0,4
MT-4	MT-4 Round tip	1,2 mm	
MT-H	Chisel	0,8 mm	0,4
MT-A		1,6 mm	0,4
MT-B		2,4 mm	0,8

212564

Tip Size	Mfrs. List No.	Order Code	1+	5+	10+	25+
0.25mm Micro Point Tip	MT-1	454-758	6.66	6.46	6.27	6.08
1.6mm Chisel Tip	MT-A	454-801	6.66	6.46	6.27	6.08
0.25mm Micro Point Tip	MT-1S	454-760	6.66	6.46	6.27	6.08
2.4mm Chisel Tip	MT-B	454-813	6.66	6.46	6.27	6.08
3.5mm Double Flat	MT-6.	801-136	6.66	6.46	6.27	6.08
0.8mm Bent Chisel Tip	MT-HX	454-825	6.66	6.46	6.27	6.08
1.2mm Round Tip	MT-4	454-783	6.66	6.46	6.27	6.08
J-Lead Tip	MT-JL	454-837	12.14	11.78	11.42	11.08
0.8mm Chisel Tip	MT-H	454-795	6.66	6.46	6.27	6.08

NT Series Tips for WMP Iron

TIPS (w/PART NUMBER)	TIP DESCRIPTION	ORDER CODE
	0.25 Conical	415-4691
	0.25 Straight	415-4708
	0.4mm Round Bent	415-4710
	1.2mm Spade	415-4721
	1.6mm Chisel Straight	415-4733
	1.6mm Conical	415-4745
	1.6mm Chisel Bent	415-4757
	2.4mm Chisel	415-4769
	3.2mm Chisel	415-4770
	4.0mm Chisel	415-4782
	SMT	415-4794
	0.8 Chisel	415-4800
	1.2mm Long Chisel	415-4812
	0.15mm Chisel	167-6522

Mfrs. List No.	Order Code	1+	5+	10+	25+
NT1.	415-4691	8.88	8.61	8.36	8.10
NT1S.	415-4708	8.88	8.61	8.36	8.10
NT1X	415-4710	10.05	9.75	9.46	9.17
NT4.	415-4721	8.88	8.61	8.36	8.10
NT6.	415-4733	8.88	8.61	8.36	8.10
NTA.	415-4745	8.88	8.61	8.36	8.10
NTAX	415-4757	10.05	9.75	9.46	9.17



Weller Soldering Tips - continued

NT Series Tips for WMP Iron - continued

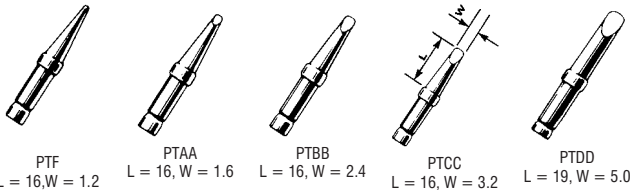
Mfrs. List No.	Order Code	1+	5+	10+	25+
NTB.	415-4769	8.88	8.61	8.36	8.10
NTC.	415-4770	8.88	8.61	8.36	8.10
NTD.	415-4782	12.14	11.78	11.42	11.08
NTGW.	415-4794	14.74	14.30	13.87	13.45
NTH.	415-4800	8.88	8.61	8.36	8.10
NTK.	415-4812	8.88	8.61	8.36	8.10
NT1SC	NEW 167-6522	10.00	9.70	9.40	9.11

241311

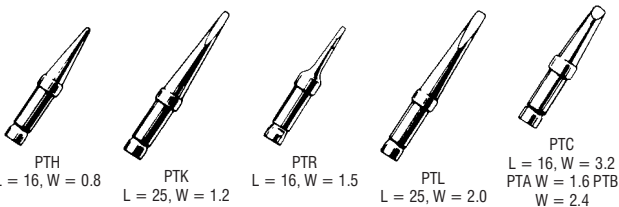
Accessories Description	Order Code	1+	5+
Tip changing tool for changing straight NT series tips	NEW 158-8493	5.25	5.09

PT Series Tips for TCP Irons

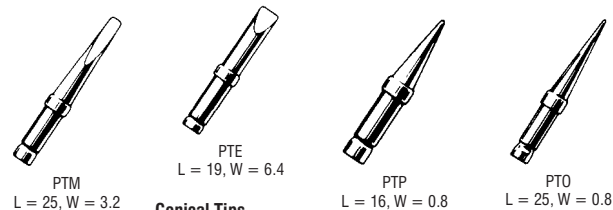
Sloped Round Tips



Screwdriver Tips



Screwdriver Tips



Conical Tips

'Longlife' tips are made from pure copper, then iron plated for long life and chromium plated to prevent oxidation. With proper care they are always wettable.

PT-AA7 (416-290) Fitted as standard

212661

Mfrs. List No.	Order Code	1+	25+	100+	200+
315°C (600°F)					
PT-H6	416-526	3.85	3.73	3.62	3.51
PT-K6	416-551	3.85	3.73	3.62	3.51
PT-L6	416-587	3.85	3.73	3.62	3.51
PT-O6	903-930	4.31	4.18	4.06	3.93
370°C (700°F)					
PT-A7	800-508	3.77	3.66	3.55	3.44
PT-AA7	416-290	2.97	2.85	2.59	2.31
PT-B7	800-510	3.77	3.66	3.55	3.44
PT-BB7	416-344	3.85	3.73	3.62	3.51
PT-C7	416-368	3.85	3.73	3.62	3.51
PT-CC7	416-393	2.97	2.85	2.59	2.31
PT-DD7	416-435	3.85	3.73	3.62	3.51
PT-E7	416-459	3.85	3.73	3.62	3.51
PT-F7	416-496	3.85	3.73	3.62	3.51
PT-H7	416-538	2.97	2.85	2.59	2.31
PT-K7	416-563	3.85	3.73	3.62	3.51
PT-L7	416-599	3.85	3.73	3.62	3.51
PT-M7	416-629	3.85	3.73	3.62	3.51
PT-O7	416-654	2.97	2.85	2.59	2.31
PT-P7	416-691	3.85	3.73	3.62	3.51
PT-R7	416-721	4.19	4.06	3.94	3.82
PT-S7	836-254	4.27	4.14	4.02	3.90
430°C (800°F)					
PT-AA8	416-307	3.85	3.73	3.62	3.51
PT-B8	800-521	3.77	3.66	3.55	3.44
PT-BB8	416-356	2.97	2.85	2.59	2.31
PT-C8	903-942	3.85	3.73	3.62	3.51
PT-CC8	416-400	2.97	2.85	2.59	2.31
PT-DD8	416-447	3.85	3.73	3.62	3.51
PT-E8	416-460	2.97	2.85	2.59	2.31
PT-F8	416-502	2.97	2.85	2.59	2.31
PT-K8	416-575	2.97	2.85	2.59	2.31
PT-L8	416-605	3.85	3.73	3.62	3.51
PT-M8	416-630	3.85	3.73	3.62	3.51
PT-M	836-278	4.19	4.06	3.94	3.82
PT-O8	416-666	2.97	2.85	2.59	2.31

Mfrs. List No.	Order Code	1+	25+	100+	200+
PT-P8	416-708	2.97	2.85	2.59	2.31
PT-R8	416-733	2.97	2.85	2.59	2.31
480°C (900°F)					
PT-AA9	416-319	3.85	3.73	3.62	3.51
PT-BB9	903-954	3.85	3.73	3.62	3.51
PT-C9	903-966	3.85	3.73	3.62	3.51
PT-CC9	416-411	3.85	3.73	3.62	3.51
PT-DD9	903-978	3.85	3.73	3.62	3.51
PT-E9	416-472	3.85	3.73	3.62	3.51
PT-O9	904-016	4.31	4.18	4.06	3.93

RT Series Soldering Tips

For use with the WMRS Micro Soldering Station



TIP IMAGE	TIP DESCRIPTION	MFRS. LIST NO.	ORDER CODE
	Needle Tip	RT1	880-9860
	Round 0.4mm	RT2	880-9879
	Chisel 1.3 x 0.4mm	RT3	880-9887
	Chisel 1.5 x 0.4mm	RT4	880-9895
	Chisel 1.3 x 0.4mm (Bent)	RT5	880-9909
	Round - Dia 1.2mm 45°	RT6	880-9917
	Knife Tip	RT7	880-9925
	Chisel 2.2mm x 0.4mm	RT8	128-2102
	Chisel 0.8mm x 0.4mm	RT9	128-2103
	Gull wing 1.2mm x 2mm	RT10	128-2105
	Chisel 0.4 x 0.15mm	RT 1SC	167-6504
	Needle Tip	RT 1MS	167-6506
	Chisel 0.4 x 0.15mm	RT 1SCMS	167-6508
	Chisel 1.3 x 0.4mm	RT 3MS	167-6509
	Round 0.4mm	RT 2MS	167-6510
	Chisel 1.5 x 0.4mm	RT 4MS	167-6511
	Chisel 1.3 x 0.4mm (Bent)	RT 5MS	167-6512
	Chisel 2.2mm x 0.4mm	RT 8MS	167-6513
	Gull wing 1.2mm x 2mm	RT 10GWMS	167-6514

387189

Mfrs. List No.	Order Code	1+	5+
RT1	880-9860	25.96	25.18
RT2	880-9879	25.96	25.18
RT3	880-9887	25.96	25.18
RT4	880-9895	25.96	25.18
RT5	880-9909	25.96	25.18
RT6	880-9917	25.96	25.18
RT7	880-9925	25.96	25.18
RT8	128-2102	25.96	25.18
RT9	128-2103	25.96	25.18
RT10	128-2105	29.40	28.52
RT 1SC	NEW 167-6504	25.15	24.39
RT 1MS	NEW 167-6506	30.15	29.24
RT 1SCMS	NEW 167-6508	30.15	29.24
RT 3MS	NEW 167-6509	30.15	29.24
RT 2MS	NEW 167-6510	30.15	29.24
RT 4MS	NEW 167-6511	30.15	29.24
RT 5MS	NEW 167-6512	30.15	29.24
RT 8MS	NEW 167-6513	30.15	29.24
RT 10GWMS	NEW 167-6514	35.20	34.14

XT Series Tips for use with WP120



Mfrs List No.		Description	A (mm)	B (mm)	Order Code
XT AL		Chisel	1.6	1.0	157-4582
XT M		Chisel	3.2	1.2	157-4583
XT A		Chisel	1.6	0.7	157-4584
XT B		Chisel	2.4	0.8	157-4585
XT C		Chisel	3.2	0.8	157-4586
XT D		Chisel	4.6	0.8	157-4587
XT E		Chisel	5.9	1.2	157-4588
XT AA		60° Round Sloped	1.6		167-6523
XT BB		45° Round Sloped	2.4		167-6524
XT CC		45° Round Sloped	3.2		167-6525
XT KN		Knife	2		167-6526
XT GW		45° Gull Wing	3.2	2.3	167-6527
XT H		Chisel	0.8		167-6528
XT O		Conical	1		167-6529
XT BS		Round	2.4		167-6530
XT CS		Round	3.2		167-6531
XT DS		Round	5		167-6533
XT F		30° Round Sloped	1.2		167-6534

509012

Mfrs. List No.	Order Code	1+	5+	10+
XT AL	157-4582	5.75	5.58	5.41
XT M	157-4583	5.75	5.58	5.41
XT A	157-4584	5.75	5.58	5.41
XT B	157-4585	5.75	5.58	5.41
XT C	157-4586	5.75	5.58	5.41
XT D	157-4587	5.75	5.58	5.41
XT E	157-4588	5.75	5.58	5.41
XT AA	167-6523	6.90	6.69	6.48
XT BB	167-6524	6.90	6.69	6.48
XT CC	167-6525	6.90	6.69	6.48
XT KN	167-6526	7.65	7.42	7.19
XT GW	167-6527	7.65	7.42	7.19
XT H	167-6528	5.50	5.33	5.17
XT O	167-6529	6.90	6.69	6.48
XT BS	167-6530	5.50	5.33	5.17
XT CS	167-6531	5.50	5.33	5.17

Mfrs. List No.	Order Code	1+	5+	10+
XT DS	167-6533	5.50	5.33	5.17
XT F	167-6534	5.50	5.33	5.17
Accessories				
M4 XT Adaptor	167-6535	13.05	12.65	12.27
M5 XT Adaptor	167-6536	13.05	12.65	12.27

Weller Soldering Stations - See Page 1761

Weller De-Soldering & Rework Stations

WMD1D



A self-contained rework station for use on through hole technology printed circuit boards. The station has a single channel output and is supplied with a DSX 80 desoldering pencil and safety rest but has the facility to drive the Weller HAP1 hot air pencil for SMD repairs.

- Can drive all Weller Electronically controlled tools compatible with the station
- Automatic tool recognition
- ESD safe
- Digital display of set, read and actual temperatures
- Integral pump to provide vacuum, also for hot air pencil
- Temperature range for solder/desoldering tools 50°C to 450°C
- Temperature range for hot air 50 - 550°C
- Temperature accuracy solder/de-solder $\pm 2\%$ max
- Temperature accuracy hot air $\pm 30^\circ\text{C}$

Contents:

WMD 1S Control Station
DSX 80 Desoldering Pencil

412-2422

212600

Mfrs. List No.	Order Code	1+	Price Each	5+
0053332399	312-8702	908.69	881.43	854.99

WDD81V Desoldering Station



- A compressed air driven micro processor controlled single output
- Rework station with digital display of temperature for the repair/rework of printed circuit boards with through hole components
- The stations flexibility can be increased by the addition of other tools Weller electronic range compatible with the station
- Additional features can be programmed into the station by the WCB1 and WCB2 calibration boxes
- Temperature accuracy $\pm 2\%$ of max.
- Temperature range 50° to 450°C

Contents:

WDD 81 V Control Station
DSX 80 Desoldering Pencil
AK 20 Bench Support

412-2422

835-870

Clean Out Tool 419-140
Nozzle DX 112 412-2466
Nozzle DX 113 412-2458
1.5m x 6mm Air Hose

212628

	Order Code	1+	Price Each	5+
0053256399	322-4703	544.38	528.05	512.21

Troubleshooting tips



Chat live online to one of our technical engineers at www.farnell.co.uk



Weller De-Soldering & Rework Stations - continued

WDD161V Rework Station



A compressed air driven micro processor controlled dual output rework station with digital display of temperature, for repair/rework of printed circuit boards with through hole components.

The stations flexibility can be increased by the addition of other tools from the Weller electronic range compatible with the station.

Additional features can be programmed into the station by the WCB1 and WCB2 calibration boxes.

- Independent control of outputs
- Automatic tool recognition
- Digital display of set, read and actual temperatures
- Temperature accuracy $\pm 2\%$ of maximum temperature
- Venturi to convert air pressure to vacuum
- ESD safe
- Rating 160 Watt.
- Temperature range for solder/desoldering tools: 50°C to 450°C

- Contents:**
1. PUD 161 V power unit
 2. DSX 80 desoldering pencil
 3. AK20 bench support
 5. WPH bench support
 6. Clean out tool
 7. Gasket set
 8. Nozzles: DX112 & DX113
 9. 2m x 6mm air hose

241250

Mfrs. List No.	Order Code	Price Each
WDD161 V	0053280399	412-2756
		1+
		720.25

43

Desoldering Bulbs



- Allows temperature controlled desoldering
- Simple one finger action

212585

Iron Series	Order Code	1+	5+	10+	48+
DS7-TCP	419-060	35.59	34.52	33.49	32.48
Replacement bulb	419-096	7.82	—	—	—

Accessories for use with WMA1 WMD1A WMD1D and WMD3



A range of tools suitable for use with WMA1 and WMD3 rework stations.

- LR21** A 50 watt. temperature controlled soldering iron. Use the ET series tips.
- DSX80** An 80 watt. desoldering iron. Uses the DS100 series nozzles.
- DXV80** In line desoldering iron offering a shorter tip to grip length. Uses DS100 series nozzles.
- HAP1** Is a 100 watt. hot air pencil with finger control air switch.
- WHP50** Is an 50 watt. electronically controlled hot plate
- LR82** 80 watt Heavy duty iron (24V) HTSeries tips
- WST20** Thermal stripper and support
- WSP150** Heavy duty 150W soldering iron
- WSB80** Solder bath
- DS80** 80 watt desoldering iron
- WHP80** 80 watt. electronically controlled hot plate

Mfrs. List No.	Order Code	1+	5+	10+
LR21ESD	125-6925	83.33	80.83	78.41
DSX80 Desoldering Iron	412-2422	152.43	—	—
DXV 80	999-4050	157.45	152.73	148.14
WSP 150	101-8758	159.96	155.16	150.51
WST20	128-2107	376.88	—	—
WSB 80	466-4504	221.10	214.47	208.03
HAP 1	155-6322	180.90	175.47	170.21
DS80 (Euro)	838-974	155.78	151.11	146.57

212599

Mfrs. List No.	For use with	Order Code	1+	Price Each
KH20	LR21, HAP1	454-734	15.08	
KH27	LR82	855-250	15.08	
AK20	DSX80	835-870	28.48	
WDH 10	WSP80/WP80	999-4068	24.71	
WDH 20	WMP	999-4076	24.71	
AK51.		412-2987	52.76	
Nozzles for HAP1			1+	5+
HAPN-1	1.2mm	765-041	3.02	2.93

WR 3000M - Innovative Repair Station

3 tool channels with automatic tool detection



WR 3000M Set (with DSX 80)

WR 3000M Set (with DXV 80)

A self contained rework station for use with through hole and surface mount technology PCBs.

- Multipurpose repair station
- Specifically tailored to the needs and requirements of professional repairs to latest-technology electronic sub-assemblies in industrial production engineering and in the repair and laboratory fields
- 3 independent tool channels with automatic tool detection, guarantees the simultaneous operation of 3 soldering tools
- Precise temperature control performance at the soldering tip is guaranteed by the digital control electrotechnology together with superior quality sensor and heat-transfer technology
- High-speed measured-value acquisition provides for maximum temperature precision and optimum dynamic temperature performance in load situations
- All Weller High-Speed Micro Tools such as the WMRP micro soldering bit and the WMRT micro desoldering tweezers can be connected
- Extremely powerful bits, such as the new 200 Watt, HAP 200 hot air pencil, can also be easily connected
- Equipped with a mini USB port
- Monitor software for monitoring, parameterising and data logging is included in the software package
- Innovative special functions such as automatic channel changing, temperature pre-selection buttons for each channel, Factory Calibration Check
- Large easy read LCD display

Technical Data

Dimensions:	237 x 235 x 102mm
Weight:	6.7 kg
Mains supply voltage:	230V/50/60Hz
Power Consumption:	420 W
Safety Class:	I and III, housing antistatic
Fuse:	Current release 2 A (4 A)
Temperature control of channels:	50°C - 550°C (150°F - 999°F)
Temperature accuracy:	Controllable temperature range is tool-dependent
Temperature stability:	$\pm 9^\circ\text{C}$ ($\pm 17^\circ\text{F}$)
Pump:	$\pm 2^\circ\text{C}$ ($\pm 4^\circ\text{F}$)
(periodic duty (30/30) s)	max. vacuum 0.7 bar
	max delivery rate 18 l/min
	Hot air max. 15 l/min
Additional Pump:	max. vacuum 0.5 bar
	max delivery rate 1.7 l/min
Equipotential bonding:	Via 3.5 mm pawl socket on back of device

WR 3000M Set (158-2381 (UK & EU)):WR 3M; HAP 200 Hot-air pencil with WDH 30 Safety rest; DSX 80 Desoldering iron with WDH 30 Safety rest; WP 80 Soldering iron with WDH 10 Stop + go Safety rest; WVP Vacuum pick up; WDC 2 Dry cleaner, Mains Cable Standard (F) and UK (G).

WR 3000M Set (133-9575 (UK & EU)):HAP 200 hot-air pencil and WDH 30 Safety rest; DXV 80 desoldering iron with WDH 40 Safety rest; WP 80 Soldering iron with WDH 10 Stop + Go Safety rest; WVP Vacuum pick up; WDC 2 Dry cleaner; Mains Cable Standard (F) and UK (G).

WR 3M (161-4559 (UK + EU)):WR 3M Control Unit only

Can be used with the following Weller tools: HAP 1, DSX 80, DXV 80, WMRP, WSP 80, WP 80, MPR 80, WMP, LR 82, WSP 150, LR 21, WMRT, WST 20, WTA 50, WST 82, WSB 80, WHP 80, WVP, WSB 150, WRK:

Accessories



WRK Set

The newly developed, innovative desoldering system facilitates soldering and desoldering of large SMT components up to 30 x 30 mm. The desoldering system can be connected to the additional vacuum channel (pick up) of the WR 3M.



WVP

Components can be easily and safely moved with the aid of the WVP vacuum pipette. The housing is antistatic and the vacuum nipples are available in 2 different sizes. The desoldering system can be connected to the additional vacuum channel (pick up) of the WR 3M.



WDC 2 Dry Cleaner

Soft solution for cleaning from lead free solder with metal wool. For WDH safety rests.

469498

Description	Type	Mfrs. List No	Order Code	Price Each
Repair station-Set (with DSX 80)	WR 3000M (UK + EU)	0053368699	158-2381	1,716.88
Repair station-Set (with DXV 80)	WR 3000M (UK + EU)	0053368399	133-9575	1,716.88
Control Unit only	WR 3M (UK + EU)	0053366399	NEW 161-4559	1,230.29
Accessories				
Desoldering system	WRK	0051515599	133-9580	229.48
Desoldering Gun	WVP	0052918499	133-9578	43.55
Dry Cleaner	WDC 2	0053368699	133-9581	10.85

WD 3000HPT & WD 3002HPT Soldering Stations



A self contained rework station for use with through hole and surface mount technology PCBs.

- Multipurpose repair station
- Specifically tailored to the needs and requirements of professional repairs to latest-technology electronic sub-assemblies in industrial production engineering and in the repair and laboratory fields
- 3 independent tool channels with automatic tool detection, guarantees the simultaneous operation of 3 soldering tools
- Precise temperature control performance at the soldering tip is guaranteed by the digital control electrotechnology together with superior quality sensor and heat-transfer technology
- High-speed measured-value acquisition provides for maximum temperature precision and optimum dynamic temperature performance in load situations
- All Weller High-Speed Micro Tools such as the WMRP micro soldering bit and the WMRT micro desoldering tweezers can be connected
- Extremely powerful bits, such as the new 200 Watt, HAP 200 hot air pencil, can also be easily connected
- Equipped with a mini USB port
- Monitor software for monitoring, parameterising and data logging is included in the software package
- Innovative special functions such as automatic channel changing, temperature pre-selection buttons for each channel, Factory Calibration Check
- Large easy read LCD display

Dimensions:	237 x 235 x 102mm
Weight:	6.7 kg
Mains supply voltage:	230V/ 50/60Hz
Power Consumption:	420 W
Temperature control of channels:	50°C - 450°C (150°F - 850°F)
Temperature accuracy:	± 9°C (±17°F)
Temperature stability:	± 5°C (±9°F)

Contents WD 3000HPT:

WD 3M Control Unit, WP 120 Soldering Pencil, WDH 10T Safety Rest, WMRP Micro Pencil, WDH 50 Safety Rest, WMRT Micro Tweezers and WMRT Safety Rest.

Contents WD 3002HPT:

WD 3M Control Unit, WP 120 Soldering Pencil and WDH 10T Safety Rest.

526804

Mfrs. List No.	Order Code	Price Each
WD 3000HPT	167-6539	963.00
WD 3000HPT	167-6539	963.00

HAP 200 Hot-Air Pencil



The HAP 200, 200 W/24 V Hot Air pencil, provides a directional hot airflow that is adjustable and static-free. Electronically temperature controlled from 50°C to 550°C. Different nozzles available as accessories. Finger switch controls speed adjustable pump.



526799

Mfrs. List No.	Order Code	1+	3+
HAP 200.	167-6502	177.71	--
HAP 200	133-9579	215.24	208.78

DXV 80 in line desoldering tool set with internal solder collection chamber

24V/80 Watt - For use with WMD and WDD Series Rework Stations



Desoldering Hand Piece and Support included in the DXV80 Set

A desoldering iron for electronics rework. The DSX series tool features a novel threadless desoldering nozzle fixture system where by the nozzle is inserted into the head and locked into place by applying a 1/4 turn. This patented feature allows the desoldering nozzles to be quickly and easily exchanged and also improves the rate of thermal transfer from the desoldering head to the desoldering nozzle providing the tools with a faster heat up time and recovery rate. Additionally, because there are no threads in the head to foul, maintenance and costs are reduced.

- Disposable solder collection tube incorporated in the handle
- 80W rated
- Can be used with all WMD and WDD series rework stations
- Uses DX series easy change threadless tips

Contents: DXV 80 Desoldering tool, WDH40 Safety rest, DX112 Desoldering nozzle, DX113 Desoldering nozzle, Solder collection chamber/filter (5) and Cleaning set

Operating Temperature Up to 450°C
Warm Up Time Approx 70 sec.

414754/436429

Description	Mfrs. List No.	Order Code	1+	3+	5+
DXV 80 Desoldering Set	005 13 182 99	145-690900	216.91	210.40	204.09
DXV 80 Desoldering Iron	005 13 180 99	4050	157.45	152.73	148.14
Replacement Items/Consumables			Price Per Pack		
Solder Collection Tube (Pk 5)	005 87 418 15	101-	7.11	6.90	10+
WDH 40 Safety Rest	005 15 153 99	NEW 167-6501	49.40	--	--

DX Series Desoldering Tips

For use with DXV Desoldering Pencil



TIP IMAGE	TYPE NO.	OD x ID (⌀) x LENGTH (mm)	ORDER CODE
	DX 110	1.9x0.7x23	421-1133
	DX 111	2.5x0.7x23	421-1182
	DX 112	2.3x1.0x23	412-2446
	DX 113	2.5x1.2x23	412-2458
	DX 114	3.3x1.8x23	421-1200
	DX 115	1.9x0.7x29	421-1236
	DX 116	2.7x1.2x29	421-1250
	DX 117	2.9x1.5x23	128-2108
	DX 118	1.5x0.7x23	128-2109
	DX 119	1.1x0.7x31	128-2110
	DX 120	2.5x1.1x22	128-2111

417407/436432

Mfrs. List No.	Order Code	Price Each
DX110	421-1133	5.86
DX111	421-1182	5.86
DX112	412-2446	5.86
DX113	412-2458	5.86
DX114	421-1200	5.86
DX115	421-1236	5.86
DX116	421-1250	5.86
DX117	128-2108	5.86
DX118	128-2109	5.86
DX119	128-2110	5.86
DX120	128-2111	5.86



Weller De-Soldering & Rework Stations - continued

DSX80 Desoldering Tool Set



- Ergonomic design for ease of operation.
- Rated at 80W
- ESD safe
- Uses DX series nozzles
- 80 watt through hole desoldering tool for use with all Weller desoldering and rework stations

Contents:

DSX 80 Desoldering Iron
WDH 30 Bench Support

490528

Description	Mfrs. List No.	Order Code	Price Each
DSX80 Desoldering Set	0051318399	150-2817	213.56
DSX80 Desoldering Iron	0051319099	412-2422	152.43
Clean Out Tool DSX80	0058706794	412-2434	10.77
Nozzle DX112	DX112	412-2446	5.86
Nozzle DX113	DX113	412-2458	5.86
Desoldering head DSX80	0051313099	120-3394	91.17
Replacement Glass Tube (Pack of 4)	51360599	458-302	8.97

Desoldering Iron Nozzles



Suitable for all desoldering stations

ID (mm)	Metric Tips OD (mm)	Length (mm)	Mfrs. List No.
0.7	1.9	18	DS110
0.7	2.5	18	DS111
1.0	2.3	18	DS112
1.2	2.5	18	DS113
1.8	3.3	18	DS114
0.7	1.9	24.5	DS115
1.2	2.7	24.5	DS116
1.5	2.9	18	DS117
0.7	1.5	18	DS118

212655

Mfrs. List No.	Order Code	1+	5+	10+	48+
Metric Tips					
DS110 EURO	458-351	6.45	6.26	6.07	5.89
DS111 EURO	458-363	6.45	6.26	6.07	5.89
DS112 EURO	458-399	6.62	6.42	6.23	6.04
DS113 EURO	458-405	6.45	6.26	6.07	5.89
DS114 EURO	458-430	6.45	6.26	6.07	5.89
DS115 EURO	458-375	6.45	6.26	6.07	5.89
DS116 EURO	458-417	6.62	6.42	6.23	6.04
DS117 EURO	458-429	6.62	6.42	6.23	6.04
DS118 EURO	458-387	6.62	6.42	6.23	6.04

Desoldering Blocks



- Fitted with 'Magnastat', for use on dual-line packages

230542

Iron Series	No of Pins	Mfrs. List No.	Order Code	1+	5+	10+	48+
TCP*	14/16	DIL 16SWG	128-2112	35.59	34.52	33.49	32.48
W60/W61	16	DIL 16WGN	128-2113	35.59	34.52	33.49	32.48

*Not suitable for TCP 12V

Premium service without a premium price



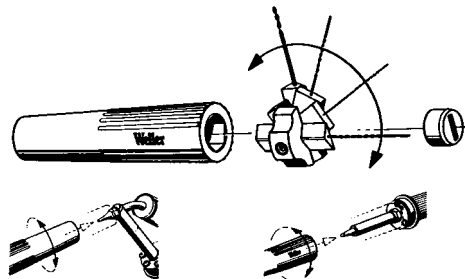
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www.farnell.co.uk

Clean Out Tool

Weller
COOPER Hand Tools



L=123, Dia=28



- Multi-purpose clean out tool and tip spanner for Weller desoldering stations

212488

Mfrs. List No.	Order Code	Price Each
0051350099	419-140	11.84

Weller Hot Air Stations

Hot Air Station - WAD 101

Compressed air driven stations for use on through hole technology printed circuit boards

Weller
COOPER Hand Tools



- Single channel
- Can drive all Weller electronically controlled tools upto 100watt
- Automatic tool recognition
- Temperature range 50 to 550°C
- Temperature accuracy +/- 30°C
- ESD safe
- Temperature set by up/down push buttons
- Air volume control via regulator
- Digital display

The station comprises: HAP1 100watt hot air pencil KH27 safety rest
WAD101 control station, with R06 nozzle (3mm) R04 nozzle (1.2mm)

Dimensions (L W H) 180mm 115mm 101mm
Temperature range Hot air: 50°C - 550°C, Soldering Iron: 50°C - 450°C
Flow rate Approx. 0-10l/min.

212631

Order Code	Price Each	1+	2+
322-4697		556.94	540.23

Self contained Hot Air station WMD1A

Weller
COOPER Hand Tools



A self-contained rework station for use on surface mount technology, printed circuit boards. The station has a single channel output and is supplied with HAP1 100 watt hot air pencil and safety rest but has the facility to drive the Weller DXS or DXV desoldering irons for through hole technology rework.

- Can drive all Weller Electronically controlled tools compatible with the station
- Automatic tool recognition
- ESD safe
- Digital display of set, read and actual temperatures
- Integral pump to provide vacuum, also for hot air pencil
- Temperature range for solder/desoldering tools 50°C to 450°C
- Temperature range for hot air 50 - 550°C
- Temperature accuracy solder/de-solder $\pm 2\%$ max.
- Temp accuracy hot air $\pm 30^\circ\text{C}$

The station comprises:
WMD1S base station

HAP1 100 watt hot air pencil
KH27 safety rest

212634

Mfrs. List No.	Order Code	1+	2+	5+
WMD1A (UK)	321-2350	908.69	881.43	854.99

WHA 900 Hot Air Rework Station

Weller
COOPER Hand Tools



The WHA 900 hot air rework station is designed to perform less complex surface mount rework operations. Using the wide range of Weller NR, ND and NQ nozzles dual in line and quad pack, surface mount devices can be safely and easily removed. Air temperature is electronically controlled and maintained at the selected temperature regardless of the airflow rate. The air supply is provided by an internal pump, driven by a maintenance free brushless motor. Stand by and run functions can be programmed to allow basic temperature profiling to be set.

- Analogue scales of airflow and air temperature
- LED display to indicate temperature condition
- 700 watt hot air pencil
- Temperature range 50 - 550 deg. C
- Air volume variable 5 - 50 l/min
- Temperature offset function
- Stand by function
- ESD safe

Technical specification

Voltage 230V / 50/60Hz
Power 700W
Airflow rate 10-50l/min

Technical specification

Temperatures 50°C - 550°C
Dimensions 235 x 175 x 110mm
Protection: Class I

463342

	Mfrs. List No.	Order code	Price Each
WHA900 Station	0053171699	134-1267●	595.46
Gun stand	0051504899	131-7219●	77.05

Heat Gun

6966E

Weller
COOPER Hand Tools



The hot air heat gun can be used for heat shrink applications or drying and to detect faulty components on circuit boards. Cooling is also possible because the air flow is independent of the heater.

Contents:

Heat Gun, Shrinking Nozzle, 5mm Reflector and 38mm Reflector

Voltage Supply 230V
Temperature Range 400°C - 430°C
Power 210W

496459

Description	Order Code	Price Each
Heat Gun UK	152-3762●	146.56

Weller Hotplates

WHP 200

200W Heating Plate

Weller
COOPER Hand Tools



The WHP 200 is an under board heater which although small in dimensions is very powerful. The WHP 200 is designed to be used on small multilayer PCBs to minimize the risk of thermal damage to boards and to speed up the repair process. The infrared plate provides fast, precisely controlled heating to create an even substrate temperature. The heating plate comes complete with a pcb board holder so there is no need to buy additional accessories.

Mains voltage 230V ac
Power consumption 200W
Temperature range 50°C - 400°C
Heating Plate H = 84mm, W = 193mm, L = 193mm
Heating surface W = 60mm, L = 120mm

RoHS Compliant
Non-compliant



08447 11 11 11

WHP 80 Heating Plate

Weller
COOPER Hand Tools



Heating Plates are used to pre-heat circuit boards under repair to reduce the possibility of thermal damage and to reduce the heat requirement of the soldering tool for speeding up the repair process.

- For use with all 80W power units
- Heating surface 80mm x 50mm
- Overall size 150mm x 120mm x 65mm (L x W x H)
- ESD safe

Heating plate voltage 24V
Power consumption 80W
Accuracy $\pm 2\%$ of final value
Dimensions Heating Plate H = 65mm, W = 120mm, L = 150mm

448371

Description	Mfrs. List No.	Order Code	1+	5+	10+
HOT PLATE, EURO CORD, 80W	WHP80	401-5010	268.00	259.96	252.16

WHP-300

Electronically controlled Hot Plate

Weller
COOPER Hand Tools



- Preheating and reflow system
- Consists of controller unit and heating plate
- Temperature controlled, adjustable from 50°C to 300°C
- Digital temperature display
- Overload protection
- Heating plate is isolated from mains and operates at low voltage
- Provides background heat without causing thermal damage
- Suitable for soldering and desoldering on PCB's
- Meets ESD requirements
- Heated surface dimensions: 100x160mm (Euro-card)

- Provision for external temperature sensor

Mains voltage 230Vac
Heating plate voltage 27V
Power consumption 300W
Protection 1.5A
Accuracy $\pm 2\%$ of final value
Controller H = 102, W = 145, D = 270
Heating Plate H = 45, W = 160, L = 220

212542

Description	Mfrs. List No.	Order Code	1+	6+	12+
WHP-300 Hot Plate	0053306399	765-028	1,056.93	1,025.22	994.47

WHP 3000

600W Heating Plate

Weller
COOPER Hand Tools



Heating Plates are used to pre-heat circuit boards under repair to reduce the possibility of thermal damage and to reduce the heat requirement of the soldering tool for speeding up the repair process.

- Does not need external power unit
- Heated area 120mm x 190mm
- Overall size 254mm x 395mm x 70mm (L x W x H)
- Digital display of set and read temperature
- Ceramic elements
- Temperature range 50 - 400°C
- RS 232 interface
- ESD safe

Mains voltage 230V ac
Power consumption 600W
Temperature range 50°C - 400°C
Dimensions Heating Plate H = 70mm, W = 395mm, L = 254mm
Heating surface W = 120mm, L = 190mm

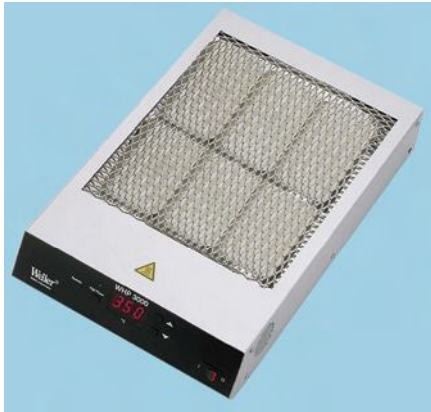
448375

Description	Order Code	Price Each
Heating Plate (600W)	855-6130	643.83

Weller Hotplates - continued

WHP 3000

1200W Heating Plate



Heating Plates are used to pre-heat circuit boards under repair to reduce the possibility of thermal damage and to reduce the heat requirement of the soldering tool for speeding up the repair process.

- Does not need external power unit
- Heated area 190mm x 245mm
- Overall size 254mm x 395mm x 70mm (L x W x H)
- Digital display of set and read temperature
- Ceramic elements
- Temperature range 50 - 400°C
- RS 232 interface
- ESD safe

Mains voltage 230V ac
Power consumption 1200W
Temperature range 50°C - 400°C
Heating Plate H = 70mm, W = 395mm, L = 254mm
Heating surface W = 120mm, L = 190mm

448377

Description	Order Code	Price Each
Heating Plate (1200W)	855-6148	841.69

Weller Temperature Monitors

Temperature Monitor - WTT 1



- Designed for low mass miniature soldering iron tip measurements
- Does not heat sink the measured item
- Probe has own internal heat source with dual sensor system measuring both temperatures and heat flow
- Accurate measurements in less than 10 seconds
- Spare probe available (WTT 1P)

Temperature range 65°C - 510°C Tolerance ±5°C

212621

	Order Code	1+	Price Each	2+	5+
WTT 1	380-4410	343.38			
WTT 1P Probe	323-5646	155.78	151.11		146.57

Weller Spares and Accessories

Spares for Soldering Irons and Stations



222224

	For use with	Mfrs. List No.	Order Code	Price Each
Barrel assy standard	WSP80, MPR80, FE75	0058744710	128-2064	5.60
Barrel assy long	WP80	0058744845	128-2065	7.39
Barrel assy	WP80	0058744846	128-2066	7.39
Ceramic burner	LR82/FE80	0052620299	128-2067	8.76
	WST44	0051617799	252-621	12.92
	WSP80	0058744711	128-2068	55.99

	For use with	Mfrs. List No.	Order Code	Price Each
	FE75	0058744724	128-2069	58.15
	FE50	0052412299	128-2070	17.95
	FE50M	0051012199	128-2071	19.02
	LR82	0052620199	128-2072	76.81
	WP80	0058744855	128-2075	55.63
	WSP150	0058744761	128-2076	85.43
	W60D	0056120699	417-476	17.95
	W100D	HEW100D	417-490	21.54
	WP200D, W200D, W201D	0056122699	417-520	29.43
	W201D/E	0051130299	417-701	21.54
	WP60D/E	SW4	417-713	20.82
	W100D/E	0051130199	417-725	20.82
Tipnuts	WSP150	0058744795	128-2077	7.70
	W61	0051134299	417-798	5.10
Sponge	All bench supports	52241999	800-636	6.89
Funnels for bench supports	All TCP soldering irons	0055004099	128-2078	1.58
	FE50, FE50M, FE80, FE75	0055005099	128-2079	3.05
	WSP80, WPH80	0058744729	128-2080	8.97

* New HE1 heating element, won't fit the DS700D/E or DS800D/E

Spares for Desoldering Irons/Stations



222225

	For use with	Mfrs. List No.	Order Code	Price Per Pack
Clean out tools				
Set of 5	All desoldering stations	0051350099	419-140	11.84
Desoldering bulb	DS-TCP, DS-WP60	DSB	419-096	7.82
Filters				
Cartridge	DS701D/E, DS801 & D/E, DS811 & D/E	0058711718	417-919	15.58
	DS58, 5088AS	4083	971-583	4.17
Mineral wool (x 10)	All desoldering stations	0051360499	128-2085	3.73
Foam sleeve	TCP, TCP3M, EC1201A, W60 + W100	511017	971-571	0.89
Footswitch	DS700D/E, DS800D/E, DS811 & D/E (ESD), DS802D/E, DS3105	0051360399	334-6006	4.31
Gaskets (x 10)	DS900 & D/E, DS900P & D/E, DS700D/E, DS701D/E, DS800D/E, DS801 & D/E, DS802D/E, DS811 & D/E (ESD)	0051360599	417-993	8.97
Heating elements	DS700D/E, DS800D/E, DS900 & D/E, DS900P & D/E, DS802D/E, DS701D/E	HE1	417-440	16.51
Sponge	All desoldering stations	52241999	800-636	6.89
Switch assemblies/	DS900 & D/E, DS900P & D/E	SW1	417-683	20.46
Temperature sensors	DS700D/E, DS800D/E, DS701D/E, DS801 & D/E			
Vacuum tube (1.75m)	All desoldering stations	VT1	418-018	7.36

Spares for Desoldering Irons/Stations



450551

Description	For use with	Mfrs. List No.	Order Code	Price Per Pack
Head Set	DSX80	0051313099	120-3394	91.17
Head Set	DXV80	0058741822	128-2081	59.94
Filter/Solder Receiver (5)	DXV80	0058741815	101-8764	7.11
Filter Holder (5)	DSX80	0058706792	128-2084	4.85
Filter Disc (10)	DSX80	0051360499	128-2085	3.73
Gasket Set (2)	DSX80	0058741821	128-2087	6.68
"S" Clips (5)	DSX80 / DXV80	0051363199	128-2088	3.37

Soldering Accessories

Heat Sink

Xcelite



- Protects transistors and other delicate components from heat during soldering
- Copper jaws for greatest possible heat absorption and dissipation
- Nickel plated finish so solder will not stick
- Positive no-slip spring tension action with cushion grip handle

212613

Mfrs. List No.	Order Code	Price Each
80V	419-187	4.90

Tip Cleaner



- Contents made of low abrasive brass shavings
- No water or messy wet sponges necessary
- No temperature drop as in conventional sponges
- Anti-slip pad on the base and an integral adjustable soldering iron rest
- Two concave indents on the top rim
- Dimensions (Dia. x H): $\varnothing 82 \times 30 \text{ mm}$

411350.484816

Description	Order Code	1+	5+
Tip Cleaner	146-7280	4.97	4.85

WDC Dry-Cleaner

The solution for cleaning from Leadfree Solder



When using lead-free solder, an increased oxidation of the wettable area of the tip will be experienced. These oxides must be removed regularly otherwise it will make the tip completely unwettable and no longer usable. The conventional method for cleaning with a wet sponge is often not applied with the required attention.

With the WDC dry tip cleaner the surplus solder can be removed by tapping the tip on the soft edge of the collector box. The final cleaning is then done by pushing and turning the tip in the metal wool. After cleaning there is still a fine layer of solder on the tip avoiding fast oxidation of the iron layer.

- The holder is antistatic

Description
WDC Dry Cleaning System
Spare Metal Wool (Pk 2)

Mfrs. List No.
005 15 124 99
005 13 824 99

Order Code
999-4084
999-4092

414752/436665

Description	Order Code	1+	5+	10+
WDC Dry Cleaner	999-4084	16.50	16.01	15.52
Spare Metal Wool (Pk 2)	999-4092	3.56	3.45	3.35

Tip Maintenance Kit



A kit of 3 products (WDC Dry Cleaner, Tip Activator and Polishing Bar) which, when used in conjunction with each other, will extend tip life particularly when using lead free solder.

475168

Description	Mfrs. List No.	Order Code	Price Each
Tip Maintenance Kit	0051512699	137-8426	29.31

Tip Maintenance Kit



A set of 3 products (WDC2, Polishing bar and Tip Tinner) which, when used in conjunction with each other, will extend tip life particularly when using lead free solder.

526795

Description	Mfrs. List No.	Order Code	Price Each
Tip Maintenance Kit	0051512799	167-6500	24.30

DURATOOL

De-Soldering Guns

DURATOOL

Desoldering Pump



- Metal construction
- Anti-static tip

Overall length=195mm

230533

	Order Code	Price Each
Desoldering pump	312-5646	4.26
Spare tip	312-7709	1.21

Soldapullit DS 017/DS 017LS

EDSYN



Dimensions:
 $\varnothing = 26$ L = 240
Weight 130g

- Heavy-duty spring loaded desoldering gun
- Push-button trigger
- DS017LS constructed from low static material for charge -sensitive applications
- Spare washer suitable for both versions

230534

	Order Code	1+	5+	10+
Standard				
DS017 gun	871-345	7.82	7.47	7.04
Spare nozzle	871-590	2.18	2.08	1.96
Antistatic				
DS017LS gun	835-511	13.49	12.64	11.90
Spare nozzle	844-408	2.77	2.64	2.49

Soldapullits

EDSYN



- SS 011 desolder gun ergonomically designed with full stroke plunger L=210, $\varnothing=20$, Weight=85g
- US 340 gun for service, ideal for tool boxes, lightweight, antistatic L=205, $\varnothing=30$, Weight=75g
- SS 350 metal desolder gun, heavy duty, antistatic L=225, $\varnothing=20$, Weight=45g

212555

	Order Code	1+	5+	10+
SS 011 gun	871-382	10.18	9.25	8.52
Spare nozzle	844-421	2.45	2.34	2.21
Spare washer	844-433	1.52	1.42	1.32
US 340 gun	844-391	8.78	8.23	7.75
Spare nozzle	844-408	2.77	2.64	2.49
SS 350 gun	844-410	8.00	7.64	7.20
Spare nozzle	445-0528	2.99	2.80	2.64
Spare washer	844-433	1.52	1.42	1.32

Lightweight, Low Cost

MILLER

Anti-Static Version



Standard



Anti-static L=202, Dia=26



De-Soldering Guns - continued

Lightweight, Low Cost - continued

Anti-Static Version - continued

- Soft action desolder gun
- Lightweight plastic housings
- Recessed release button to prevent accidental operation
- Housing separates to provide access for cleaning
- Available in standard or anti-static versions
- Anti-static version complies with European standards concerning static sensitive components CECC15

212514

	Order Code	1+	5+	10+	20+
Standard gun	253-546	6.20	5.44	4.71	4.15
Spare nozzle assembly	282-625	1.78	1.54	1.32	1.18
Anti-static gun	282-637	7.08	6.19	5.36	4.72
Spare nozzle assembly	282-649	2.04	1.79	1.53	1.35

Micro Miniature



143-916 L = 155, Dia = 14.5

230535

	Order Code	1+	5+	10+
Micro miniature gun	143-916	11.16	—	—
Spare neoprene washer	143-917	0.66	0.63	0.60
Spare PTFE nozzle	143-918	2.00	1.95	1.91

Standard



L = 192, Dia = 22

212664

	Order Code	1+	5+	10+
Standard gun	419-011	13.49	—	—
		1+	10+	20+
Spare PTFE nozzle	100-518	2.27	2.22	2.16
Spare neoprene washer	100-519	0.71	0.70	0.68
Spare nylon washer	100-520	0.70	0.57	0.47
Spare circlip	100-521	0.43	0.35	0.27
Spare main spring	100-522	1.59	1.34	1.18
Spare ejector pin (For old style gun)	100-523	1.59	1.34	1.18

Anti-static



L=155, Dia=14.5 - Micro



L = 190, Dia = 20 - Standard

230536

Description	Order Code	1+	5+	10+
Micro				
59802 Micro Anti-static Gun	105-926	14.55	14.26	13.98
59803 Spare anti-static nozzle	105-927	4.54	4.45	4.35
58301 Spare neoprene washer	143-917	0.66	0.63	0.60
Standard		1+	10+	20+
598 Standard Anti-Static Gun	105-928	15.25	14.94	14.65
59801 Spare anti-static nozzle	105-929	4.13	4.05	3.97
584 Spare Neoprene Washer	100-519	0.71	0.70	0.68

Multi-Vac®

Variable Suction

L = 220,
Dia = 20

212512

- Designed for combined general purpose, heavy and light duty desoldering
- 3 step plunger to vary the suction during solder removal
- Ideal for use in miniature component removal and for more demanding applications

	Order Code	1+	5+	10+	20+
Desoldering gun	282-650	21.27	18.59	16.16	14.21
Spare neoprene washer	100-519	0.71	0.70	0.68	
Spare nylon washer	100-520	0.70	0.57	0.47	

Standard



419-023 L=193, Dia=20

- Single handed operation
- Lockable spring loaded plunger
- Removes by suction all the solder from around the joint allowing exchange of components

230537

	Mfrs. List No.	Order Code	Price Each
Standard gun	7874B	419-023	22.50
Spare nozzle	7875B	419-047	2.92

Mains Powered De-Soldering Guns

Motorised with Variable Hot Blow

DENON

Static Dissipative



H=190, W=40, D=205

- Motorised desoldering gun with variable hot blow facility
- Static dissipative housing is fitted with a low vibration, motorised diaphragm pump
- Value to select suction or variable hot blow
- 100W ceramic element
- Electronic temperature controller adjustable between 350°C and 500°C
- LED to indicate operating temperature
- On/off power switch within hand grip
- Fitted with a 1mm desoldering tip, 1.5m mains lead and 13A plug. Supplied with two replacement filter cartridges and a selection of six tip clean out tools

Voltage	230V ac 50/60Hz	Temperature range	350°C to 500°C
Pump capacity (open)	15 litres/minute	Weight	420g
Power consumption	120W		

Mfrs. List No. SC7000Z=956-880

212504

	Order Code	1+	4+	10+
Desoldering gun	956-880	383.62	345.26	326.21
Spares				
Cleaning pins (set of 3)	226-919	9.63		
0.8mm dia tip	107-793	41.37		
0.8mm dia slim tip	109-155	41.37		
1.0mm dia tip	107-794	41.37		
1.5mm dia tip	107-795	41.37		
Element	226-920	28.74		
Filter cartridges (pk of 5)	226-944	23.85		
Stand	108-613	31.03		

Fume Extraction Systems

Bench Top Fume Absorber

DURATOOL



A portable bench top fume absorber to be used during hand soldering applications. Available in standard and ESD versions.

- High performance fan
- Activated carbon filter
- Absorbs flux and lead fumes
- Easy filter replacement
- Supplied with 3 filters
- Mains cable length: 1.1m
- Light duty hand soldering only

Technical Data		Technical Data	
Power Consumption	23W	Filter Dimensions (HxWxD)	130x130x10mm
Dimensions (HxWxD)	270x220x168mm	Weight	1.5kg

Not recommended when using Rosin based flux solders.

472908/476821

Description	Order Code	1+	3+
Standard Version (UK Plug)	139-1652●	26.23	24.08
Standard Version (EU Plug)	149-8369●	25.53	23.44
ESD Version (UK Plug)	139-1655●	24.08	22.13
ESD Version (EU Plug)	149-8372●	30.40	27.92
Replacement Filters (Pk 5)	139-1657	4.61	4.15

Bench Mount Fume Absorber

DURATOOL



A bench mount fume absorber allowing greater versatility during hand soldering applications. Available in standard and ESD versions.

- Flexible arm mounts easily to almost any bench, or desk.
- High performance fan
- Activated carbon filter
- Absorbs flux and lead fumes
- Easy filter replacement
- Supplied with 3 filters
- Mains cable length: 1.1m
- Light duty hand soldering only

Technical Data

Power Consumption	23W
Dimensions (HxWxD)	270x220x168mm (Head Unit)
Extension	0.55m from bench top to top of stand (fully extended)
Filter Dimensions (HxWxD)	130x130x10mm
Weight	1.8kg

Not recommended when using Rosin based flux solders.

472909/476824

Description	Order Code	Price/Pack			
		1+	3+	10+	30+
Standard Version (UK Plug)	139-1654	39.82	36.58	33.81	31.36
Standard Version (EU Plug)	149-8371	29.88	27.46	25.37	23.18
ESD Version (UK Plug)	139-1656	44.07	40.49	37.43	34.20
ESD Version (EU Plug)	149-8373	42.89	39.41	36.43	33.28
Replacement Filters (Pk 5)	139-1657	4.61	4.15	3.80	3.40

BVX-101 Fume Extraction System



With Flexible Arm attached



- Single-user system with multi-user power for thorough, effective fume extraction
- No installation means easy set-up and relocation
- Small, space-saving footprint.
- Bi-Coloured LED to indicate blocked filters
- Unique blower design provides quiet operation
- Efficient arm or plenum applications provide flexibility in fume extraction - The flexible arm part (hose) can be removed
- 300mm wide opening (plenum) on the front
- Flexible arm (hose) length: 600mm

Static Pressure	1250 Pa	Dimensions (HxWxD)	290x300x230mm
Flow Rates	85m³/h With HEPA Filter	Voltage	90 - 264 Vac
Noise Level	55dBA	Frequency	47 - 440Hz
Weight	9kg	Power	85W

338827

Description	Pack	Mfrs. List No.	Order Code	Price Per Pack
Fume Extraction System	1	BVX-101	495-0495	320.00
Replacement Accessories				
Pre Filter	5	FP-BVX	495-1384	18.40
Main Filter (Combined HEPA/gas)	1	FM-BVX	495-1396	55.00
Flexible Arm/Hose (ESD Safe)	1	BVX-ARM	495-1402	38.00

Technical information at your fingertips

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Visit www.farnell.co.uk and look for the **Tech Info** heading in your search results.

BVX-201 Fume Extraction System



Extraction Unit with 2 Flexible Arms, 1.2m, Pre-HEPA-Gas

802-6181

(Bench not supplied)



802-6190

Extraction Unit for 2 Stations, Pre-HEPA-Gas



802-6211

1 x BVX Arm (600mm) with 1.83m Hose and Table Bracket

● Two Station Design for Dynamic Fume Extraction

The BVX-201 fume extraction system is a two-arm unit that combines powerful fan performance with efficient filtration, quiet operation and complete portability. It can be placed under, or next to the bench-top and fitted with either two 50mm diameter BVX arms or one Omnidex arm. Designed mainly for solder fumes and incorporates both pre and main filters which can be changed independently to maximise the working life of each filter. The main filter has a HEPA efficiency greater than 99.5%, plus an activated carbon filter to remove additional gases.

Contents of the BVX-201 Kit (802-6181): Extraction unit with 2 flexible arms, (1.2m long), Pre, HEPA and Gas filters

Static Pressure	850 Pa (3.5" WC)	Weight	9kg
Fan Capacity	250m³/h	Dimensions (HxWxD)	388x508x254mm
Flow Rate (With Filter)	2 x 75m³/h	Voltage	100-240 Vac 50/60Hz
Noise Level	<55dBA		

372077.410651

Description	Pack	Mfrs. List No.	Order Code	Price Per Pack
Extraction Unit with 2 Flexible Arms, 1.2m, Pre-HEPA-Gas	1	BVX-201-KIT	802-6181	490.00
Replacement Accessories				
Extraction Unit for 2 Stations, Pre-HEPA-Gas	1	BVX-201	802-6190	405.00
Flexible Arm ESD Safe, 1.22m with Nozzle	1	BVX-ARML	802-6203	58.00
1 x BVX Arm (600mm) with 1.83m Hose and Table Bracket	1	BVX-ARM-K1	802-6211	90.00
Pre-Filter (Pk of 5)	5	FP-BVX200	802-6220	35.00
Main Filter, HEPA 99.95%	1	FM-BVX200	802-6238	63.00
Carbon			802-6246	115.00
Deep Bed Gas Filter	1	FG-BVX200		

BVX-208 Fume Extraction System

Up to 8 Stations



101-0138

Extraction Unit for up to 8 Stations



Iron Adaptor Kit for OKI MX, SP200, PS800 and Weller WS (Iron not included)



Fume Extraction Systems - continued

BVX-208 Fume Extraction System - continued

Up to 8 Stations - continued



BTX Duct Connection Kits



1010146 - Spring, Stand Adaptor Kit, Weller

The BVX-208 fume extraction system is a tip extraction unit with a high vacuum blower motor and a capacity for up to eight workstations. The unit's universal hose connection kit provides maximum flexibility and eliminates the need for a traditional layout and design of tip extraction ducting. The compact design and easy set-up make it truly portable.

Designed mainly for solder fumes and incorporates both pre and main filters which can be changed independently to maximise the working life of each filter. The main filter has a HEPA efficiency greater than 99.97%, plus an activated carbon filter to remove additional gases.

- Eight station design for dynamic fume extraction
- High performance extraction of solder fumes directly from the tip of the hand soldering iron
- Designed for under-bench installation
- Ducting system offers a simple, flexible low cost solution for faster configuration of tip extraction installations

Contents of the BVX-208 Kit (101-0138): Extraction unit, Pre, HEPA and Gas filters, adaptor for hose

Note: DS03-902 has a tube, hose, metal clip and S clip - The DS03-929, DS03-930 and DS03-931 have a tube, plastic clip, hose and S clip

Max. Number of Stations	8	Weight	9kg
Flow Rate (With Filter)	28 l/min	Dimensions (HxWxD)	388x508x254mm
Noise Level	<55dBA	Voltage	100-240 Vac 50/60Hz

Accessory - BTX Connection Kit Contents		
Item	Description	BTX-CK4-75 101-0140
	In-Line	4
	Back to Back	8
		Qty
1	Flexible Hose ø32mm	7.5m
2	Coupling with two Glands 5.6mm	4
3	End Plug	2
4	T-Piece Connector for 35mm Hose	1
5	Duct Clip (32mm)	5
6	Roll of Vinyl Tape	1
The maximum number of Stations is only one half of the above rating when using 8mm tubes		

417139

Description	Pack	Mfrs. List No.	Order Code	Price Per Pack
Extraction Unit	1	BTX-208	101-0138●	550.00
Accessories				
Hose Connection Kit (1-8 Stations)	1	BTX-CK4-75	101-0140●	130.00
Fume Extraction Iron Adaptor Kit (Universal)	1	AC-FX1	160-9134●	15.00
Universal Clip for AC-FX1	1	BTX-UC01	160-9135●	2.80
Iron Adaptor Kit (OKI MX and Weller WS)	1	DS03-929	101-0143●	17.86
Iron Adaptor Kit (OKI SP200)	1	DS03-930	101-0144●	17.86
Iron Adaptor Kit (OKI PS800)	1	DS03-931	101-0145●	19.34
Spring, Stand Adaptor Kit (Weller)	1	DS03-902S	101-0146●	15.69
Replacement Accessories				
Pre-Filter (Pk of 5)	5	FP-BVX200	802-6220	35.00
Main Filter, HEPA 99.95% Carbon	1	FM-BVX200	802-6238	63.00

Fume Extraction Kit - Arm Evac 50



- Features operator adjustable airflow and quiet operation
- Wide variety of filters available to suit a wide variety of applications
- Portable and cost effective bench top fume extractor
- Provides a wide area fume extraction or highly efficient source capture at two points using the optional arm attachment

Power requirements	115 or 230VAC, 50/60Hz
Dimensions	215 x 330 x 315 (HxWxD mm)
Weight	6Kg
Noise level	54dBA
No. of inlets	One laminar flow, plenum inlet
Flow rate	Adjustable: 152m³/h (90cfm) max with Plenum One arm adjustable: 84.5 m³/h (45 cfm) max Two arms adjustable: 60 m³/h (30 cfm) max per arm

234762

	Mfrs. List No.	Order Code	1+	2+	5+
Arm Evac 50	8889-0050	392-4841	414.66	403.14	392.24
			1+	5+	10+
Standard filter	8883-0280	392-4865	24.33	23.60	22.89
Pre filter (Pack of 5)	8883-0125-P5	392-4853	12.16	11.79	11.44

Arm-Evac 105 Fume Extraction Kit



The Arm-Evac 105 Extraction Kit is portable, compact and can be easily placed on or under a workbench and can be quickly disassembled and reassembled in another location as manufacturing processes change. The unit features a heavy-duty, maintenance free brushless motor along with a filtration process which includes a pre-filter for coarse particle removal, and a High Efficiency Particulate Arrestor (HEPA)/Gas Filter cartridge. An inlet cap is provided to seal the unused inlet if only one flex arm is used.

Dimensions (WxDxH)	290 x 290 x 362 mm
Weight	11.5 kg
Sound Level	55 dBA

Kit Contents:

- ARM-EVAC 105 Fume Extraction Unit
- 1 ESD Safe Flex-Arm is supplied
- Quick-mount Bench Mounting Bracket Kit
- ESD Safe Flexible Hose 2.5m

526348

Description	Mfrs. List No.	Order Code	Price Each 1+
ARM-EVAC 105 Kit	8888-9105	166-0849●	475.00

Fume Extraction Kit - Arm Evac 200



- Reduces health risks
- Compact and self contained
- Efficient 3 stage filter
- Easy filter access
- Includes pre filter and general purpose HEPA/GAS filter
- Heavy duty brushless motor
- High volume air flow
- Expansion kit for upgrade to two workstations available
- Supplied with both UK and European mains leads

Expansion Kit

- Arm Evac 200 Fume Extraction Unit
- 75mm flex arm with fume scoop

- Flex Arm bench mounting bracket
- 2.5m flexible hose

Contents (kit)

- 75mm flex arm with fume scoop
- Flex Arm bench mounting bracket
- 2.5m flexible hose

Dimensions (W D H)	280 x 330 x 395 mm
Weight	14 kg
Sound Level	59 dBA @ 2m (6')

212624

	Order Code	1+	2+	5+
Fume Extraction Kit	322-8459	668.25	648.20	628.76
Expansion Kit	322-8460	120.42	116.80	113.30

45mm Stainless Steel Flex Arm



- Designed for use with ArmEvac 200
- Fitted with fume scoop
- Static safe
- Rugged stainless steel construction
- Requires 75/50mm Reducer
- Optional bench mounting bracket available

212625

	Order Code	1+	2+	5+
45mm Arm	322-8472	113.84	110.43	107.12

Fume Extraction Spares - Arm Evac 200



212622

	Order Code	1+	2+	5+
Pre Filters (Pk Qty 5)	322-8514	41.45	40.20	39.00
General Purpose Filter (HEPA/GAS)	322-8526	123.97	120.25	116.64

WFE 2 Kit 2



- Supply voltage 230V / 50Hz
- Dimensions 320 x 320 x 395 mm (L x W x H)
- Power input 275 VA
- Noise level 48db(A) at 1 m
- Extraction rate 230 Cu/M per hour
- Max vac 2700Pa
- Variable speed motor
- Red/green LED filter condition indicator
- RS232 port for remote control from PC
- Filter fine dust filter grade F5
- Combined HEPA filter grade H13 and wide band gas filter
- Will remove 99.95 % of particles down to 0.3 micron

For assembly, rework, service and laboratory applications. The Weller WFE fume extraction kit comes ready for use and provides volume fume extraction capability for 2 workstations. The unit has an easily replaceable 3 stage filter system consisting of a prefilter and combined broad band gas and active charcoal filter. A red/green LED display states the condition of the filter. An electronically controlled, maintenance free variable speed pump drives the unit and at maximum speed produces an airflow rate of 230 cu.m/h at a vacuum of 2700 Pa.

Filter:	Prefilter F5	Weight:	19Kg
	Combined submicron filter class H13 and broad band gas filter (50% active carbon, 50% Puratex)	Max. Vacuum:	2700 Pa
		Max. Airflow:	230m³/h

Dimensions: 320mm x 320mm x 395mm (L x W x H)

Contents:

1. Extraction unit WFE 2S
2. Extraction arms WFAN 50 (x2), 50mm diameter, with small vent
3. Mounting brackets WFTB 50 (x2)
4. Seals WFFMP 50 (x2)
5. Flexible hoses NW 50 (x2) - 3metre
6. Uptake stacks

Mfrs List No

0053626399
0053637499
0053637999
0053637199
0058735875
0058735847

240953

	Mfrs. List No.	Order Code	Price Each/Pack
WFE 2 Kit 2	0053645399	415-4824	1,066.02
Spares			
WFAF 50 Extraction arm with small funnel	0053637299	415-4897	51.80
WFAS 50 Extraction arm with flat funnel	0053637399	415-4903	62.30
WFCC 50 Extraction hood	0053637899	415-4915	96.75
WFTB 50 Mounting brackets (x2)	0053637999	415-4850	27.93
Intake stack	0058735847	415-4885	15.22
Filter, main	0058735883	415-4939	200.28
Filter, Pre	0058735884	415-4940	23.69
Arm Extension Kit	0053650681	137-8431	87.55

WFE2ES Fume Extraction System



- Supply voltage 230V / 50Hz
- Dimensions 320 x 320 x 395 mm (L x W x H)
- Power input 115 VA
- Noise level 52db(A) at 1 m
- Extraction rate 220 Cu/M per hour
- Max vac 1800Pa
- Filter fine dust filter grade F5
- Combined HEPA filter grade H12 and wide band gas filter
- Will remove 99.5 % of particles down to 0.3 micron
- Can be upgraded to a 2 point extraction unit by the addition of an extra arm kit

The WFE 2ES is a powerful and economic volume extraction system which will support up to 2 workstations. Ideally suited to applications involving solder baths, hot air soldering, hand soldering and gluing work, this system will safely and efficiently remove from the workplace, the increased levels of air-born pollutants produced when using lead free solder.

Comprises:
WFE2ES volume fume extraction unit with filter system
WFAF50 Flexible arm with 100mm dia funnel
50 mm dia flexible hose 3m,
WFTB 50 mounting bracket
WFFMP 50 system sea
Hose clamp (2)

Filter:	F5 fine dust filter	Max. Vacuum:	1800 Pa
	H12 HEPA filter plus wide band gas filter	Max. Airflow:	220m³/h

475167

Description	Mfrs. List No.	Order Code	Price Each
Fume Extraction Kit	WFE 2ES KIT	137-8427	537.68
Fume Extraction Unit	WFE 2ES	137-8428	440.05
WFE 2ES Extraction arm	0053650681	137-8431	87.55
H12 filter for WFE 2ES	0058762701	137-8432	66.04
F5 Fine filter for WFE 2ES (Pack of 10)	0058762703	137-8433	21.54

WFE 2X Fume Extraction System



The WFE 2X is a fume extraction unit suitable for applications with a high demand for gas and particle filtration, e.g. soldering, adhesives, clean room work and laser.

It can be placed on a trolley and be moved easily between different work places. Variable speed and alarm function for filter exchange can be sent via remote control. For applications which produce a large quantity of particles, e.g. lead-free soldering, an external pre-filter can be fitted to increase the lifetime of the main filter.

- Mobile fume extraction unit purifies air at up to 2 work stations
- Electronic filter control and easy filter exchange
- Wireless remote control with alarm function
- Extra noise damped metal housing
- Quick and simple installation
- Minimized foot print
- Switching power supply fits for all global voltages
- Optimized lifetime filter

WFE 2X Kit 1 Content:

- WFE 2X Unit
- 60mm Funnel Arm Kit

WFE 2X Kit 2 Content:

- WFE 2X Unit
- 60mm Articulated Sloped Arm Kit

526766

Description	Mfrs. List No.	Order Code	1+	5+	+
WFE 2X Unit Only	0053658899	167-6547	857.84	832.10	--
WFE 2X Kit 1	0053658999	167-6541	954.75	926.10	--
WFE 2X Kit 2	0053658799	167-6555	997.82	967.88	--
Accessories					
60mm Funnel Nozzle	0053657399	167-6543	27.28	26.46	--
60mm Sloped Nozzle	0053657799	167-6545	24.41	23.67	--
60mm Sloped Arm Kit	0053657299	167-6542	106.96	103.75	--
60mm Funnel Arm Kit	0053657199	167-6548	106.96	103.75	--
60mm Articulated Sloped Arm Kit	0053657999	167-6549	165.00	160.05	--
60mm Hose (1m length)	0058735427	167-6551	21.90	21.24	--
60/50 Adaptor	0058762750	167-6552	25.13	24.37	--
WFE 2X Remote Control	0053659399	167-6553	142.85	138.56	--
WFE 2S Remote Control	0058735909	167-6554	122.04	118.37	--
H13 Compact Filter	0053659099	167-6550	208.18	201.93	--
F7 Fine Filter (Pack of 10)	0058735885	167-6546	33.74	32.72	--

Zero Smog Twin Extraction Pump



COOPER Hand Tools



- Designed for use with one or two Weller fume extraction soldering irons
- Silent in operation to allow bench top use
- Maintenance free pump
- Efficient four-stage replaceable filter system
- Reduces harmful soldering emissions by extracting 99.9% of fumes before they are released into the environment
- Operates from a compressed air supply at 3.5 to 6 bar

212695

Mfrs. List No.	Order Code	1+	Price Each	3+	6+
WFE	957-884	389.44	377.76	366.42	

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Fume Extraction Systems - continued

WFEP Tip Extraction unit



- Drives 1 or 2 tip extraction soldering irons
- 2 speed motorised pump
- Maintenance free motor
- Sound level 40db(A) at 1 m.
- 3 stage filter system
- Height/diameter 295 x 140 mm
- Input power 50Watt

2 station Motor driven Bench Top, Tip Extraction Unit
Comprises:
Fume extraction unit
Main filter(H13 grade HEPA + wide band gas filter)
part no 53641099
Fine dust filter grade F7 part no 53642199

Max. capacity: 2 FE Soldering irons
Weight: 50 W

Weller
COOPER Hand Tools

212630

	Mfrs List No	Order Code	1+	Price Each 2+	5+
Fume Extraction Kit		322-4259	655.76	636.09	617.00
Accessories					
Main Filter	MF-2	479-536	36.61	35.51	34.45
Disc Filter (Pack of 10)	FD-2	479-548	6.07	5.89	5.71

Fume Extraction Irons

Weller
COOPER Hand Tools



- A range of fume extraction irons

FE75

- Soldering pencil 24V/80W
 - Uses LT series tips
- Consists of: Iron, Funnel, LT-B Tip, Cylinder Brush

FE80

- Soldering iron 24V/80W
 - Uses HT series tips
- Consists of: Iron, Funnel, HT-2 Tip, Cylinder Brush, Wrench 10/14mm

212627

Mfrs. List No.	Order Code	1+	Price Each 5+	10+
FE75	125-6924	140.70	136.48	132.38
FE80	322-5562	158.29	153.54	148.94

Bench Holder - KH23

Weller
COOPER Hand Tools



- Suitable for FE25, FE50, FE50M, FE50MAS and FE80 with fume extraction

212636

Order Code	1+	Price Each 5+	10+
841-419	15.08	14.63	14.19

Bofa Fume Extraction System

BOFA

System 15



High Vacuum Tip extraction unit (230 V ac 50 Hz) with built in silencer ensuring low noise levels. Used for removing and purifying fumes generated during soldering and glue solvents.

- Suitable for removing higher temperature toxins (Rosins) caused by lead-free soldering
- Tip extraction unit (230 V ac 50Hz)
- Full HEPA (99.997% down to 0.3 microns) & Gas Filter
- Designed to meet COSHH & HSE legislation
- low noise level (<50 dBA)
- Airflow 70 m³/hr
- Max no of Irons = 15
- Max no of flexi arms = 4

Dimensions(mm): L=560, W=330, D=330

435490

	Mfrs. List No.	Order Code	1+	Price Each 3+	6+
System 15					
Unit	SYSTEM 15	111-7706	1,090.43	1,042.32	999.56
Accessories					
Pre-filter		111-7707	49.18	47.03	44.90
Combined filter		111-7708	116.53	111.18	105.84

Complete Single Arm Fume Extraction System

BOFA

System 200



Comprehensive single arm extraction unit (230 V ac 50 Hz) for removing and purifying fumes generated during soldering and glue solvents.

- Suitable for removing higher temperature toxins (Rosins) caused by lead-free soldering
- Full HEPA (99.97% down to 0.3 microns) & Gas Filter
- Designed to meet COSHH & HSE legislation
- low noise level (<53 dBA)
- Includes 50mm ESD extraction arm and installation kit
- Airflow 90 m³/hr

Dimensions(mm): L=380, W=260, D=260

435334

	Mfrs. List No.	Order Code	1+	Price Each 3+	6+
System 200					
Unit	SYSTEM 200	111-7709	450.08	434.03	424.42
Accessories					
ESD Cowl	CCC50ESD.	111-7714	74.84	70.02	64.15
ESD draught tray	DDTT50	111-7715	96.21	89.81	85.53
Pre Filter	250-PF	111-7711	13.36	12.40	11.65
Combined Filter	250-CF	111-7712	96.21	89.81	84.45

Complete Dual Arm Fume Extraction System

BOFA

System 250



Comprehensive dual arm extraction unit (230 V ac 50 Hz) for removing and purifying fumes generated during soldering and glue solvents.

- Suitable for removing higher temperature toxins (Rosins) caused by lead-free soldering
- Dual Arm extraction unit (230 V ac 50Hz)
- Full HEPA (99.97% down to 0.3 microns) & Gas Filter
- Designed to meet COSHH & HSE legislation
- low noise level (<53 dBA)
- Includes 2 x 50mm ESD extraction arm and installation kit
- Airflow 90 m³/hr

Dimensions(mm): L=420, W=260, D=260

435482

	Mfrs. List No.	Order Code	1+	Price Each 3+	6+
System 250					
Unit	SYSTEM 250	111-7710	625.40	596.54	565.53
Accessories					
ESD Cowl	CCC50ESD.	111-7714	74.84	70.02	64.15
ESD draught tray	DDTT50	111-7715	96.21	89.81	85.53
Pre Filter	250-PF	111-7711	13.36	12.40	11.65
Combined Filter	250-CF	111-7712	96.21	89.81	84.45

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QGO

Tip Extraction Step 2



Select the quantity and type of conversion kits to match the soldering irons you wish to convert. ESD safe silicon is provided as standard with all conversion kits.

212571

Make	Iron	Order Code	Price Each		
			1+	3+	6+
Metcalf	200, 002	904-417	30.72	27.65	26.10
Weller	TCP	904-399	24.12	21.70	20.51
Weller	Mini	904-405	24.12	21.70	20.51
ERSA	Basic Tool	153-205	22.97	21.82	20.93
ERSA	Micro Tool	153-217	15.85	15.07	14.45

Arm and Cowl Extraction

Step 1



Select the type and quantity of arms/cowls required.

50mm diameter are the norm for most operations, 32mm diameter arms are for small working areas with light to medium soldering whilst 75mm arms are for heavy duty soldering.

The arms are mounted through the bench (except 75mm) or onto the bench using a mounting bracket.

The cowls provide a working area of up to 250mm out from the front of the cowl, an added advantage is that the iron stand can be positioned at one end of the cowl to capture the residual fume when the iron is replaced after use.

231460

Item	Description	Order Code	Price Each		
			1+	3+	6+
1	ESD safe with nozzle 50mm	313-0277	41.32	38.22	36.00
2	ESD safe arm with funnel 50mm	313-0289	57.97	55.06	52.83
3	Bench mounting flush plate	153-280	15.31	14.54	13.97
4	Bench bracket	904-223	15.97	15.17	14.38
5	75mm Cowl	904-247	125.17	118.90	112.69
6	75mm ESD Cowl with light	904-259	182.58	173.44	164.39

Fume Displacement Unit



- Designed to remove soldering fumes away from the operator and the immediate working area
- High capacity recirculating fan
- Dispatches 94.1cu ft/min
- Activated charcoal impregnated filter

Note: The unit is supplied with an IEC mains inlet and requires the addition of a suitable plug and lead as listed below.

212524

	Order Code	Price Each	
		1+	10+
Fume displacement unit	501-529	90.30	79.73
Fume displacement unit Pk2	133-8562	6.25	5.88
Filter type 120 x 120	501-530	2.80	2.66

Bench Fume Cabinet



- Ideal for use with solders, electrochemicals, adhesives, sealants, and aerosols
- Designed to meet COSHH requirements & relevant HSE legislation
- Organic solvent vapour & gases absorbed within 4kg bonded activated carbon filter
- Particulate filter to 5 microns as standard. HE-PA filter to 0.3 microns for heavier soldering usage
- Incorporating guaranteed for life centrifugal blowers
- Virtually maintenance free

- Illuminated hood enclosure with clear polycarbonate panel
- Available in two sizes

Steel Construction	Dove grey polyester powder coated		
Finish	0.50m/sec		
Minimum airspeed at hood aperture	230V 50Hz		
Operating voltage	T660H-C 105 watts		
Power consumption	<55dBa@1 metre approx		
Noise Level	Height	Width	Depth
Dimensions	660	680	450
Model T660H-C			

Note: Section 63 of the FACTORIES ACT 1961 requires all practical measures to be taken to protect persons from any dust, fumes or other impurity likely to be injurious or offensive.

230539

	Mfrs. List No.	Order Code	Price Each	
			1+	3+
Standard Cabinet	T660H-C	352-5235	1,045.07	940.56
Replacement Filters				
Standard Filters for TC660H-C, PK6	IFA3P	352-5260	85.57	77.02
HEPA Filter 0.3 mic for TC660H-C	HEA3	352-5284	92.60	83.33
Carbon Filter, 4KG, for TC660H-C	AC200	352-5302	104.97	94.47

ERSA EA 110 Plus Fume Extraction Unit

Powerful Workbench Extraction Unit for up to Two Extraction Arms



Extraction arm with 700mm flexible hose (for worktop mounting) including connection hose, table clamp and quick connector

- Compact and powerful system to efficiently clean soldering process air
- Due to its variable power control and high suction power, the unit can extract solder fume from up to two workbenches
- The variable and easy to change mounting of the unit allows usage even in constricted areas
- Two stage filtering of the solder fumes: first a particle filter separates even floating particles from the process air, then in the gas filter, activated carbon absorbs harmful gas molecules
- A necessary filter exchange is indicated by optical and acoustic signals
- Each suction nozzle can easily be connected with the flexible suction arm enabling the user to adapt the EA 110 plus to any new working conditions within minutes
- Very low noise
- Not only suitable for production but also in repair, development and laboratory areas

Technical Data:		Vacuum:	2200Pa
Power consumption:	100W	Noise level:	51dB
Power supply:	100 - 250V, 50 - 60Hz	Filter:	Activated carbon
Max air flow:	140m³/h		

435524

Mfrs. List No.	Description	Order Code	Price Each	
			1+	3+
EA 110 PLUS	Soldering station, complete	120-3956	749.45	719.50
Accessories:				
3CA06-4001	Extraction arm with flexible hose	120-3958	207.62	199.33
3CA06-5001	Metal extraction nozzle, 50mm	120-3960	32.26	30.99
3CA06-2002	Connecting hose, 2m	120-3961	32.54	31.30
3CA06-1001	Spare Filter	155-3437	195.00	185.25

Pick and Place

Portable Vacuum Pick-Up Tool



- For use with static sensitive components
- Easily handles small flat parts with a touch of a button
- Ideal tool for the handling of SMDs and other delicate components

- Self-contained vacuum. No hoses and batteries required
- Storage for the probes and cups in the handle (132mm)
- The hand-held SMD vacuum pick up tool is ideal for picking up and moving large or small electronic components
- Lightweight, portable and suitable for the picking and placing of small components weighing up to 50 grams and having a flat surface, DIL packages and surface mount components, etc. And its new high-power probes have longer holding action
- Supplied with 3 angled and 3 straight pick-up hands with a choice 4mm, 6mm or 10mm cap diameters

494373

Description	Order Code	Price Each	
		1+	10+
Vacuum Pick-Up Tool	151-6350	7.84	7.16



De-Soldering Braid

Solder-Mop



For desoldering electronic joints and electrical connections quickly, safely and efficiently. Solder-Mop is a specially impregnated wick and when solder becomes molten it is immediately drawn up into Solder-Mop leaving a clean joint ready for resoldering. It usually requires only one second to efficiently desolder a joint or connection. Solder-Mop eliminates "flux spatter" and damage to components through excessive heat which occurs with the old method. Board may then be cleaned with Servisol "Aero-Klene".

334451

Width	Length	Order Code	Price Each		
			1+	5+	25+
0.8mm	1.5m	475-4256	1.95	1.68	
1.5mm	1.5m	475-4268	2.41	2.11	
2.5mm	1.5m	475-4293	2.33	2.01	
2.5mm	10m	475-4300	10.08	9.14	

'No-Clean'Green Label Soldamop



- Manufactured using high purity oxygen free and oil free fine gauge copper wire
- Impregnated with a special 'No-Clean' flux to improve the wicking action of the braid
- Residue left behind is halide free and non-conductive
- Significant Health & Safety benefits
- Faster desoldering

334458

Width	Length	Order Code	Price Each		
			1+	5+	25+
0.8mm	1.5m	475-4323	2.28	1.92	
1.5mm	1.5m	475-4335	2.55	2.26	
1.5mm	10m	475-4347	9.07	8.25	
2.5mm	1.5m	475-4360	2.53	2.24	
2.5mm	10m	475-4372	11.22	9.75	

Soder-Wick® Lead Free SD Desoldering Braid



A fast, safe desoldering braid specifically for use with lead free applications.

- Engineered specifically for high temperature, lead-free solders
- Transfers heat to the solder joint more quickly and efficiently than conventional desoldering braids
- Specifically designed for all lead-free solders
- Can also be used with Tin/Lead solders
- Soder-Wick® Lead-Free packaged in ESD-safe static dissipative bobbins
- Minimises the risk of damage associated with static electricity
- Non-corrosive ultra high purity no-clean flux

- Will not leave ionic contamination on the boards
- Especially effective at removing residual solder from SMT pads
- RoHS Compliant
- Patent Pending
- Available individually or in a VacuPak™ vacuum sealed can which contains 10 bobbins with 1.5m of braid on each bobbin

Size	Width	Application
2	1.5mm	Small parts, SMDs
3	2.0mm	Medium pads
4	2.8mm	Large pads

416981/436418

Mfrs. List No.	Width (mm)	Length (m)	Pack	Order Code	1+	5+	25+
Singles							
40-2-5	1.5	1.5	1	959-9479	2.57	2.45	2.34
40-3-5	2.0	1.5	1	959-9487	2.84	2.70	2.56
40-4-5	2.8	1.5	1	959-9495	2.94	2.79	2.68
40-2-10	1.5	3	1	959-9509	4.77	4.53	4.29
40-3-10	2.0	3	1	959-9517	5.20	4.94	4.68
40-4-10	2.8	3	1	959-9525	5.38	5.10	4.86
VacuPak™ of 10 Bobbins							
SW14025	1.5	1.5	10	959-9533	26.88	25.55	24.21
SW14035	2.0	1.5	10	959-9541	28.04	26.63	25.51
SW14045	2.8	1.5	10	959-9550	29.68	28.20	26.91

Soder-Wick® Desoldering Braid

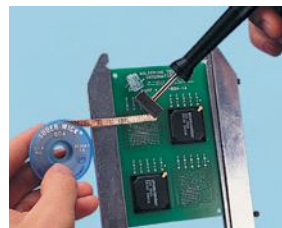


- Manufactured by industry leader through patented process
- Open weave design offers optimal heat transfer and quicker wetting
- Soder-Wick® No Clean SD braid features non corrosive halide free low solids flux
- Soder-Wick® Rosin SD braid flux is non corrosive, and will not contaminate board
- Packed on individual static dissipative bobbins
- VacuPak™ contains 10 bobbins sealed in an inert gas blanket
- Resealable to keep braid fresh until used

212644

Mfrs. List No.	Width (mm)	Length (m)	Order Code	1+	5+	25+
Solder-Wick No Clean SD (Singles)						
6015	0.9	1.5	559-866	2.53	2.40	2.30
6025	1.5	1.5	559-878	2.53	2.40	2.29
6035	1.9	1.5	559-880	2.82	2.65	2.53
6045	2.8	1.5	559-891	2.82	2.65	2.53
6055	3.9	1.5	559-908	2.87	2.72	2.65
6065	5.3	1.5	967-531	3.17	2.98	2.85
60110	0.9	3	860-670	6.01	5.61	5.26
60210	1.5	3	860-682	4.48	4.12	3.92
60310	1.9	3	860-694	4.88	4.53	4.30
60410	2.8	3	860-700	5.06	4.84	4.60
60510	3.9	3	860-712	5.42	5.13	4.92
Solder-Wick Rosin SD (Singles)						
8015	0.9	1.5	559-969	2.19	2.07	1.98
8025	1.5	1.5	559-970	2.19	2.07	1.97
8035	1.9	1.5	559-982	2.30	2.19	2.08
8045	2.8	1.5	559-994	2.45	2.33	2.20
8055	3.9	1.5	560-005	2.93	2.72	2.64
8065	5.3	1.5	967-543	3.09	2.89	2.81
80110	0.9	3	860-724	3.93	3.72	3.62
80210	1.5	3	860-736	4.10	3.56	3.47
80310	1.9	3	860-748	4.30	4.04	3.90
80410	2.8	3	860-750	4.68	4.39	4.22
80510	3.9	3	860-761	4.88	4.59	4.40
10 Per Tin						
Solder-Wick No Clean SD (VacuPak™)				1+	6+	24+
SW16015	0.9		957-150	24.77	23.29	22.30
SW16025	1.5		957-161	26.21	24.65	23.60
SW16035	1.9		957-173	27.87	26.20	25.09
SW16045	2.8		957-185	29.27	27.51	26.35
Solder-Wick Rosin SD (VacuPak™)				1+	6+	24+
SW18015	0.9		957-203	21.53	20.53	19.93
SW18025	1.5		957-215	23.61	21.96	21.26
SW18035	1.9		957-227	25.07	23.57	22.82
SW18045	2.8		957-239	25.91	24.09	23.33
SW18055	3.9		957-240	25.91	24.35	23.57

Soder-Wick® BGA Desoldering Braid



- Effective and economical method for removal of solder from BGA pads and chips
- Soder-Wick® No Clean BGA Braid flux provides quick and clean desoldering
- Soder-Wick® BGA Rosin optimized rosin flux content allows fast, thorough solder removal
- Does not damage circuit board surfaces or components
- Packed in dissipative bobbins, 1.5m lengths
- VacuPak® canister contains 10 bobbins, sealed in a metal tin in an inert gas blanket

212560

Singles	Mfrs. List No.	Order Code	1 +	Price Each 5 +	25 +
BGA No Clean	60BGA-5	892-075●	4.11	3.83	3.65
BGA Rosin	80BGA-5	892-087●	3.89	3.66	3.55
10 Per Tin				Price Per Tin	
VacuPak™			1 +	6 +	24 +
BGA Rosin	SW180BGA	957-264●	42.21	40.69	39.87

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Solder Sucking Wick - 'No Clean'



- Flexible copper braid designed for desoldering
- Impregnated with synthetic flux, removing the need for cleaning
- 1.5m lengths are packed on anti-static reels
- Wick is inherently anti-static, so lengths cut from larger reels can be used in anti-static environments

212667

Width (mm)	Length (m)	Mfrs. List No.	Order Code	1+	10+	20+	50+
Anti-Static							
1.5	1.5	NC-AA	252-487	4.04	3.72	3.16	3.02
2.2	1.5	NC-AB	252-499	3.75	—	—	—
2.7	1.5	NC-BB	252-505	3.03	2.73	2.44	2.25
Non-Anti-Static							
1.5	30	NC-AA30M	609-377	31.74	30.16	29.20	28.27
2.2	30	NC-AB30M	609-389	34.53	33.49	32.45	31.45

Desoldering Braid
ESD free

AREXX



- Free oxygen copper braid
- The ABS holder and the metal tip are non magnetic and ESD free
- Free washing no clean formula Flux
- Less braid waste
- User-friendly and ergonomic dispenser
- AW-100 with black dispenser, AW-200 with yellow dispenser

525141

Description	Mfrs. List No.	Order Code	1+	5+	25+
Desoldering braid, 2m x 2.6mm	AW-100	166-1554	1.92	1.81	1.71
Desoldering braid, 2m x 1.7mm	AW-200	166-1555	1.76	1.66	1.55

Solder - Stick/Bar

Stick Solder



Approximate pack weight = 1kg

- 60/40 tin/lead solder stick
- Low impurity content
- Improved wetting
- Increased life of solder in the bath
- Starts melting at 183°C, fully molten at 215°C
- Produced to EN29453 grade KP under BS5750 Part 1
- Ideal for use in small solder baths
- Approx. 18 sticks per pack

212535

Order Code	1+	5+	10+	20+
629-510	25.25	22.94	20.03	17.37

High Purity Extruded Solid Bar



- 60/40 high purity solder bar
- Ideal for printed circuit soldering machines, baths and pots
- Polythene protected

Approximate weight=500grams

212674

Order Code	1+	5+	10+
419-539	22.87	21.93	20.48

Solder Bar, Lead Free



- For solder bath
- Suitable for dip, selective and wave soldering
- To EN 29453 / 61190-1-3
- Size: Approx. 310x16x5mm

409100

Alloy	Melting Point	Weight approx. (kg)	Order Code	1+	5+	10+
Sn99Cu1	227°C	1	840-0458	18.59	16.74	14.81
Sn95.5Ag3.8Cu0.7	217°C	1	840-0466	61.02	53.90	49.40

Triangular Stick Solder, Lead Free



- For solder bath
- Suitable for dip, wave and selective soldering
- To EN 29453 / 61190-1-3
- Size: approx. 11x11x1440mm

378360/436422

Alloy	Melting Temperature	Weight ca. (g)	Order Code	1+	5+	10+
Sn97.0Cu3.0	230-250°C	200	840-0407	4.66	4.42	4.17
Sn99.0Cu1.0	227°C	200	840-0415	4.63	4.40	4.15
Sn95.5Ag3.8Cu0.7	217°C	200	840-0431	11.02	10.47	9.92
Sn96Ag4	221°C	200	840-0440	7.39	7.01	6.65

Solder Wire - Tin/Lead, Rosin Flux Cored



60/40 Alloy Rosin Flux



- Contains multiple cores of rosin based flux
- Amber coloured (rosin) residues do not require cleaning
- For all general purpose electronic assembly and re-work applications

Alloy	60/40 (60% Tin, 40% Lead)	Tip Temperature (Approx.)	308°C
Melting Temperature	180°C		

338624

Weight	Wire Diameter	Order Code	1+	10+
250g Reels				
	0.5mm	507-1057	16.00	14.94
	0.7mm	507-1069	11.75	11.02
	0.9mm	507-1070	11.17	10.48
500g Reels				
	1.2mm	507-1082	10.25	9.58
	0.7mm	507-1100	21.22	19.83
	0.9mm	507-1112	19.33	18.11
	1.2mm	507-1124	18.48	17.29

60/40, 40/60 Alloy



60/40 Alloy, 362 Rosin Flux

- Contains five cores of mildly activated, non-corrosive "362" rosin based flux
- Amber coloured (rosin) residues do not require cleaning
- 60% Tin (Sn), 40% Lead (Pb) Alloy
- 180°C melting temperature (tip temperature approximately 308°C)
- For all general purpose electronic assembly and re-work applications

Length mm	Order Code	1+	5+	10+	20+	40+	100+
250g Reels							
1.0 44	453-584	14.32	13.63	12.90	12.51	11.90	11.06
1.22 30	419-266	14.66	13.86	13.19	12.78	12.53	11.69
0.91 54	419-278	14.32	13.11	12.13	11.54	10.77	9.89
0.71 89	419-280	19.58	17.67	15.43	13.53	12.65	11.63
0.56 144	419-291	21.50	20.42	19.35	18.52	17.73	16.98
0.46 216	419-308	33.95	31.89	30.48	29.16	28.58	26.96
500g Reels							
1.63 34	419-310	21.83	20.06	18.58	17.67	16.49	15.22
1.5	453-572	21.83	20.75	19.71	19.06	18.14	16.89
1.22 61	419-321	22.50	21.90	20.22	19.41	18.66	17.02
1 87	453-596	25.31	24.03	22.80	22.10	20.97	19.54
0.91 107	419-333	25.31	22.73	22.00	20.55	18.97	17.28
0.71 178	419-345	18.95	17.89	17.05	16.32	15.63	14.95
0.56 289	419-357	60.45	56.72	51.29	46.48	44.69	40.71
2.5Kg Reels							
2.03 110	419-369	98.86	88.94	85.01	75.76	72.04	

40/60 Alloy, 362 Rosin Flux

- Contains five cores of mildly activated, non-corrosive "362" rosin based flux
- Amber coloured (rosin) residues do not require cleaning
- 40% Tin (Sn), 60% Lead (Pb) Alloy
- 234°C melting temperature (tip temperature approximately 354°C)
- Ideal for general soldering of electronic, television, radio and electronic equipment where higher melting point solder wire is required

212671

Length mm	Mfrs. List No.	Order Code	1+	5+	10+	20+	40+	100+
500g Reels								
2.03 20	D4014	419-412	18.85	17.42	16.87	15.82	15.24	13.60
1.63 32	D4016	419-424	18.48	17.12	16.57	15.49	14.94	13.32



Solder Wire - Tin/Lead, Rosin Flux Cored - continued

"Savbit" Alloy, 362 Rosin Flux



- Contains five cores of mildly activated, non-corrosive "362" rosin based flux
- Special alloy contains a precise trace of copper to offset tip erosion - extends tip life significantly
- Amber coloured (rosin) residues do not require cleaning
- 215°C melting temperature (tip temperature approximately 335°C)
- For all general purpose electronic assembly and re-work applications



212672

Length mm	Length (m)	Mftrs. List No.	Order Code	1+	5+	Price Per Reel			
						10+	20+	40+	100+
2.3m Coil									
1.22	2.3	NO.5	419-448▲	3.65	3.27	2.81	2.45	2.25	2.02
500g Reels									
1.22	57	DS18	419-450▲	20.33	19.30	18.24	17.07	16.46	15.38
0.71	170	DS22	419-461▲	24.28	23.41	21.78	20.43	19.61	18.33

60/40 Alloy, High Activity Rosin Flux



- Contains multiple cores of high activity rosin based flux
- Pale coloured residues do not require cleaning
- Extra wetting ability for faster soldering
- For all general purpose electronic assembly and rework applications

Alloy 60/40 (60% Tin, 40% Lead)
Flux Type 309, Rosin based

Melting Temperature 180°C
Tip Temperature (Approx.) 308°C

339050

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels				
	0.5mm	509-0519▲	14.03	12.91
	0.7mm	509-0520▲	12.00	11.06
	0.9mm	509-0532▲	11.38	10.47
	1.2mm	509-0544▲	11.26	10.37
500g Reels				
	0.7mm	509-0568▲	23.20	21.35
	0.9mm	509-0570▲	21.26	19.55
	1.2mm	509-0581▲	21.77	20.03

60/40 Alloy, 309 Rosin Flux



- Contains five cores of Halide-free, non-corrosive "309" rosin based flux
- Pale coloured residues do not require cleaning
- Extra wetting ability for faster soldering
- For all general purpose electronic assembly and rework applications



Alloy 60/40 (60% Tin, 40% Lead)
Flux Type 309, Rosin based
Melting Temperature 180°C
Tip Temperature (Approx.) 308°C

339060.344680

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels				
	0.5mm	509-0787▲	14.73	13.39
	0.7mm	509-0799▲	20.62	18.77
	0.9mm	509-0805▲	13.21	12.01
	1.2mm	509-0817▲	12.60	11.45
500g Reels				
	0.7mm	509-0830▲	24.92	22.66
	0.9mm	509-0842▲	25.29	22.98
	1.2mm	509-0854▲	25.10	22.82

SMART Alloy, Sn62 Crystal 505



- Specially designed for Surface Mount and Related Technology applications
- Multicores of mildly activated, non-corrosive "505" rosin based flux
- Minimal amber coloured (rosin) residues do not require cleaning
- 62% Tin (Sn), 36% Lead (Pb), 2% Silver (Ag) Alloy
- Silver loaded alloy to minimise silver leaching from component terminations
- 179°C melting temperature (tip temperature approximately 320°C)

- Fine diameter (0.46mm/26swg) - suitable for most SMT assembly, or rework
- 250g Reel

212490

Mftrs. List No.	Order Code	1+	5+	Price Per Reel			100+
				10+	20+	40+	
SMART 26	419-503▲	52.38	47.15	43.52	42.25	40.70	38.47

Solder Wire - Tin/Lead, No Clean Flux Cored

60/40 Alloy, No-Clean Flux



- Halide free (Zero activation) flux formulation
- Flux content 2.2% by weight - low fuming and low spitting
- Minimal clear residues do not require cleaning
- Suitable for general no-clean assembly, or rework of PCBs assembled in a no-clean process or that have already been cleaned

Alloy 60/40 (60% Tin, 40% Lead) Tip Temperature (Approx.) 308°C
Melting Temperature 180°C

338627

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels				
	0.5mm	507-1136▲	12.76	11.84
	0.7mm	507-1148▲	12.91	11.97
	0.9mm	507-1150▲	9.21	8.55
	1.2mm	507-1161▲	10.21	9.46
500g Reels				
	0.7mm	507-1185▲	22.75	21.09
	0.9mm	507-1197▲	19.53	18.12

60/40 Alloy, X39 No-Clean Flux



- Halide free (Zero activation) flux formulation
- Low flux content (1% by weight) - low fuming and low spitting
- Minimal clear residues do not require cleaning
- 60% Tin (Sn), 40% Lead (Pb) Alloy
- 180°C melting temperature (tip temperature approximately 308°C)
- Flux residues meet reliability requirements of Bellcore and IPC Class 3 specifications
- Suitable for high solderability assembly, or rework of PCBs assembled in a no-clean process, or that have already been cleaned

212681

mm	Length (m)	Order Code	1+	5+	Price Per Reel			
					10+	20+	40+	100+
X39, 250g Reels								
1.22mm	30	289-838▲	15.47	13.95	12.15	10.69	10.08	9.18
0.71mm	89	289-840▲	21.22	19.18	16.67	14.65	13.73	12.59
X39, 500g Reels								
1.22mm	61	289-851▲	28.04	25.28	22.06	19.40	18.08	16.65
0.71mm	178	289-863▲	35.83	33.43	29.14	25.59	22.60	22.00

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60/40 Alloy, Mildly Activated No-Clean Flux



- Mildly activated (0.5%) flux formulation
- Flux content 3% by weight - low fuming and low spitting
- Minimal clear residues no not require cleaning
- Suitable for general assembly or re-work of PCBs

Alloy 60/40 (60% Tin, 40% Lead Alloy) Tip Temperature (Approx.) 308°C
Melting Temperature 180°C

338629

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	507-1215▲	12.18	11.28
	0.7mm	507-1227▲	17.07	15.82
	0.9mm	507-1239▲	10.32	9.57
	1.2mm	507-1240▲	10.41	9.66
500g Reels	0.7mm	507-1264▲	22.70	21.07
	0.9mm	507-1276▲	20.89	19.39
	1.2mm	507-1288▲	20.75	19.24

60/40 Alloy, No-Clean Flux



60/40 Alloy, 400 No-Clean Flux

- Halide free (Zero activation) flux formulation
- Increased flux content compared to X39 (2.2% by weight) - low fuming and low spitting
- Minimal clear residues no not require cleaning
- 60% Tin (Sn), 40% Lead (Pb) Alloy
- 180°C melting temperature (tip temperature approximately 308°C)

- Flux residues meet reliability requirements of Bellcore and IPC Class 3 specifications
- Suitable for general, no-clean assembly, rework of PCBs assembled in a no-clean process, or PCBs that have already been cleaned

60/40 Alloy, 505 No-Clean Flux

- Mildly activated (0.5%) flux formulation
- Increased flux content compared to X39 and 400 (3% by weight) - low fuming and low spitting
- Minimal clear residues no not require cleaning
- 60% Tin (Sn), 40% Lead (Pb) Alloy
- 180°C melting temperature (tip temperature approximately 308°C)
- Suitable for general assembly or rework of PCBs

60/40 Alloy, 511 No-Clean Flux

- Mildly activated (1.1%) flux formulation
- 3% flux content (by weight) - low fuming and low spitting
- High wetting ability - good spread on copper, brass and nickel - for fast soldering
- Minimal clear residues no not require cleaning
- 60% Tin (Sn), 40% Lead (Pb) Alloy
- 180°C melting temperature (tip temperature approximately 308°C)
- Suitable for general assembly, or rework

212520

60/40 Alloy, 400 No-Clean Flux		Price Per Reel			
250g Reels	Order Code	1+	5+	10+	20+
0.71mm	609-961▲	10.95	10.40	9.85	9.44
500g Reels					
	0.91mm	609-973▲	27.14	25.79	23.97
	0.71mm	609-985▲	31.71	30.14	28.04
60/40 Alloy, 505 No-Clean Flux					
500g Reels					
	0.91mm	329-4160▲	27.78	25.79	23.97
	0.71mm	329-4158▲	33.62	31.95	29.73
60/40 Alloy, 511 No-Clean Flux					
250g Reels					
	0.91mm	609-997▲	15.15	14.40	13.36
	0.71mm	610-008▲	17.46	16.57	15.43
500g Reels					
	0.91mm	610-010▲	27.14	25.79	23.97
	0.71mm	610-021▲	31.71	30.14	28.04

60/40 Alloy, X52 No-Clean Flu



- High activity flux formulation for fast soldering
- Non-corrosive - residues do not require cleaning
- 1% flux content (by weight) - low fuming and low spitting
- 60% Tin (Sn), 40% Lead (Pb) Alloy
- 180°C melting temperature (tip temperature approximately 308°C)
- Suitable for general assembly, or rework in a no-clean assembly process

212558

mm	Order Code	1+	5+	Price Per Reel		
				10+	20+	40+
250g Reels						
1.22mm	904-533▲	14.99	13.48	12.72	12.23	11.46
0.71mm	904-545▲	17.77	15.98	15.10	14.49	13.60
500g Reels						
1.22mm	904-557▲	25.88	23.29	22.00	21.12	19.80
0.71mm	904-569▲	31.38	28.22	26.64	25.59	23.97

60/40 Alloy, 105 Colophony Free Flux



- Colophony free fully synthetic flux (no rosin or modified rosin) - non corrosive formulation
- Complies with HSE colophony-free recommendations
- High activity - fast and sustained soldering on copper and brass
- Distinctive low odour to distinguish from rosin products
- 60% Tin (Sn), 40% Lead (Pb) Alloy

- 180°C melting temperature (tip temperature approximately 308°C)
- Suitable for general assembly, or rework processes - operationally and aesthetically similar to traditional rosin fluxes

338575

Wire Diameter	Weight	Order Code	Price Per Reel		
			1+	10+	50+
0.7mm	250g	454-072▲	19.58	17.67	15.43
0.7mm	500g	454-280▲	27.53	26.61	24.63
1mm	500g	453-614▲	25.09	23.29	21.50

Solder Wire - High & Low Melting Point

Low & High Melting Point



Low Melting Point (LMP)

- Slightly lower melting point than standard 60/40 solder
- 62% Tin (Sn), 36% Lead (Pb), 2% Silver (Ag) Alloy
- 2% silver content prevents leaching and the formation of brittle joints during soldering of silver and gold plated surfaces
- 179°C Melting temperature (tip temperature approximately 299°C)

High Melting Point (HMP)

- Suitable for high working temperature applications (electric motors etc)
- Can also be used for selective soldering of adjacent components (i.e. a HMP joint will not melt when an adjacent low temperature solder joint is created subsequently)
- 5% Tin (Sn), 93.5% Lead (Pb), 1.5% Silver (Ag) alloy
- 301°C Melting temperature (tip temperature approximately 421°C)

212673

mm	Length Mftrs.		Order Code	1+	5+	Price Per Reel			
	(m)	List No.				10+	20+	40+	100+
Low Temperature 179°C									
250g Reels									
0.71mm	93	DLMP222	419-540▲	30.70	27.11	23.69	21.93	20.27	18.44
0.56mm	150	DLMP242	419-552▲	40.45	38.45	36.62	35.90	35.18	33.40
0.46mm	224	DLMP262	419-564▲	59.01	57.26	53.28	52.20	51.16	48.57
500g Reels									
1.22mm	63	DLMP	419-576▲	57.47	54.59	51.84	50.01	48.19	44.92
0.71mm	165	DLMP225	419-588▲	49.10	46.65	44.36	42.73	41.25	38.44
High Temperature 301°C									
500g Reels									
1.22mm	46	DHMP	419-590▲	21.95	20.84	19.75	18.91	18.11	17.33

Solder Wire - Lead Free

Characteristics of Lead-Free Soldering



Lead-free soldering is a requirement that is now mandatory throughout the EU. The legislation became effective in July 2006.

There are some important factors to note:

1. Compatibility

All soldered surfaces must be free of lead to begin with. This includes both the component and the PCB. Any lead contamination introduced to a lead-free solder joint will significantly reduce the reliability of the joint.

2. Temperature

All lead-free alloys melt at a higher temperature than traditional tin/lead alloys (60/40 tin lead is around 180° whereas 99C lead-free is around 227°C). This means that the soldering iron temperature may need to be increased and the temperature rating of both components and PCBs needs to be able to withstand these elevated temperatures. These increased temperatures also put greater demand on the flux and it may be necessary to opt for a higher solids content, or more active, flux if the soldering becomes difficult when using lead-free materials.

3. Inspection

Lead-free solder joints look a lot different to traditional tin/lead joints. The joints are usually quite dull, and the spread is less - resulting in quite steep contact angles at the perimeter of the



Solder Wire - Lead Free - continued

Characteristics of Lead-Free Soldering - continued

solder joint where the solder meets the substrate. This does not mean the joint is faulty. Some studies have proven already that in fact a lead-free solder joint is even more reliable than an equivalent tin/lead joint.

4. Rework or Repair

It is essential that any repairs or rework be carried out using lead-free solder. This means it is necessary to be sure which solder has been used before attempting to rework it. Usually this is clearly marked on a module or PCB.

The alloys used in lead-free solder can vary depending on the application, but it is safe to use the 99C alloy (99.7% tin, 0.3% copper) for all lead-free hand soldering as this is compatible with all lead-free alloy options. A trace of silver is added to some lead-free solder pastes to assist with the wetting and joint formation during the rapid reflow phase of typical SMT assembly processes, but even re-working these joints is quite safe using the 99C alloy.

Further Assistance

For any further assistance or technical support, please contact your local Farnell technical sales team or refer to the website.

338612

Lead Free 97SC (SAC305), 309 Rosin Cored Solder wire



- Pale coloured residues do not require cleaning
- Mild odour
- Halide content < 1.0%
- Contains five cores of non-corrosive 309 Rosin based flux
- Complies with all lead-free legislative requirements

Lead Free (97SC) SAC305, 309 Rosin Cored Solder wire was developed in response to customer requests for a cored solder wire that will solder difficult surfaces (good spread on nickel, stainless steel, chromel, monel, constantin etc.) whilst leaving pale post soldering residues. Heat stable - low fuming with a mild odour.

Alloy Lead Free, 96.5% Tin, 0.5% Copper, 3% Silver
Flux Type 309, Rosin based
Melting Temperature 217°C
Tip Temperature (Approx.) 340°C - 420°C

443403

Wire Diameter	Order Code	Price Per Reel	
		1+	10+
0.5mm	125-7142●	35.98	32.39
0.7mm	125-7143●	27.23	24.50
1.0mm	125-7144●	28.16	25.35
1.2mm	125-7145●	27.69	24.93
1.6mm	125-7148●	27.44	24.69

Lead Free Alloy, Rosin Flux



- Lead free
- Contains multiple cores of rosin based flux
- Amber coloured (rosin) residues do not require cleaning
- For all general purpose lead-free electronic assembly and re-work applications

- Complies with all lead-free legislative requirements

Alloy Lead Free 99.3% Tin, 0.7% Copper Alloy
Melting Temperature 227°C
Tip Temperature (Approx.) 350°C

338630

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	507-1290●	12.49	11.60
	0.7mm	507-1306●	9.88	9.16
	0.9mm	507-1318●	8.21	7.62
	1.2mm	507-1320●	8.64	8.01
500g Reels	0.7mm	507-1343●	16.61	15.41
	0.9mm	507-1355●	17.52	16.26
	1.2mm	507-1367●	14.34	13.31

Lead Free (99C) Alloy, 362 Rosin Flux



- Lead free 99.3% Tin (Sn), 0.7% Copper (Cu) Alloy
- 227°C Melting point (tip temperature 350°C to 370°C)
- Contains five cores of mildly activated, non-corrosive "362" rosin based flux
- Amber coloured (rosin) residues do not require cleaning

- For all general purpose lead-free electronic assembly and re-work applications
- Complies with all lead-free legislative requirements

212688

Length (m)		Order Code	1+	5+	Price Per Reel			
					10+	20+	40+	100+
250g Reels								
1.22mm	35	289-875●	22.00	19.82	17.32	15.21	14.22	13.10
0.71mm	102	289-887●	24.58	22.14	19.33	16.98	15.87	14.61
500g Reels								
1.22mm	70	289-899●	39.93	35.99	31.45	27.33	25.75	23.71
0.71mm	205	289-905●	44.99	40.94	35.76	31.37	29.31	26.97

Lead Free (99C) Alloy, 309 Rosin Flux



Alloy Lead Free, 99.3% Tin, 0.7% Copper Alloy
Flux Type 309, Rosin based
Melting Temperature 227°C
Tip Temperature (Approx.) 350°C - 370°C



- Pale coloured residues do not require cleaning
- Extra wetting ability for faster soldering
- For all general purpose lead-free electronic assembly and re-work applications
- Complies with all lead-free legislative requirements

339063.344681

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	509-0866●	19.84	18.03
	0.7mm	509-0878●	15.10	13.75
	0.9mm	509-0880●	14.80	13.45
	1.2mm	509-0891●	28.10	25.55
500g Reels	0.7mm	509-0910●	27.25	24.79
	1.2mm	509-0933●	26.18	23.78

Lead Free Alloy, No-Clean Flux



- Halide free (Zero activation) flux formulation
- Low fuming and low spitting
- Minimal clear residues do not require cleaning
- Complies with all lead-free legislative requirements

- Suitable for high solderability, lead-free, no-clean assembly, or rework of PCBs assembled in a lead-free no-clean process or that have already been cleaned

Alloy 99.3% Tin, 0.7% Copper
Melting Temperature 227°C
Tip Temperature (Approx.) 350°C

338631

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	507-1379●	12.06	11.18
	0.7mm	507-1380●	9.05	8.41
	0.9mm	507-1392●	9.55	8.87
	1.2mm	507-1409●	8.66	8.02
500g Reels	0.7mm	507-1422●	16.71	15.51
	0.9mm	507-1434●	17.64	16.35
	1.2mm	507-1446●	15.90	14.74

Lead Free (99C) Alloy, X39 No-Clean Flux



- Halide free (Zero activation) flux formulation
- Low flux content (1% by weight) - low fuming and low spitting
- Minimal clear residues do not require cleaning
- Complies with all lead-free legislative requirements
- Flux residues meet reliability requirements of Belcore and IPC Class 3 specifications

- Suitable for high solderability, lead-free, no-clean assembly, or rework of PCBs assembled in a lead-free no-clean process or that have already been cleaned

Alloy Lead Free, 99.3% Tin, 0.7% Copper Alloy
Flux Type X39, Rosin based, Halide free
Melting Temperature 227°C
Tip Temperature (Approx.) 350°C - 370°C

339065.344682

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	509-0945●	19.10	17.36
	0.7mm	509-0957●	14.14	12.82
	0.9mm	509-0969●	13.78	12.52
	1.2mm	509-0994●	25.94	23.57
500g Reels	0.7mm	509-1007●	25.17	22.86
	1.2mm	509-1019●	24.29	22.08

Lead Free Alloy, Mildly Activated No-Clean Flux

- Mildly activated no-clean flux formulation
- Increased flux content (3% by weight) - low fuming and low spitting
- Minimal clear residues do not require cleaning
- Complies with all lead-free legislative requirements

- Suitable for general lead-free, no-clean assembly, or rework of PCBs assembled in a lead-free no-clean process

Alloy Lead Free, 99.3% Tin, 0.7% Copper Alloy
Flux Type 505, Rosin based
Melting Temperature 227°C
Tip Temperature (Approx.) 350°C - 370°C

339059

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	509-0672●	11.80	10.87
	0.7mm	509-0684●	7.71	7.10
	0.9mm	509-0696●	8.09	7.45
	1.2mm	509-0702●	7.34	6.76
500g Reels	0.7mm	509-0726●	14.96	13.77
	0.9mm	509-0738●	15.78	14.53
	1.2mm	509-0740●	14.32	13.17

Lead-Free Alloy, High Activity Rosin Flux

- Contains multiple cores of rosin based flux
- Pale coloured residues do not require cleaning
- Extra wetting ability for faster soldering
- For all general purpose lead-free electronic assembly and re-work applications
- Complies with all lead-free legislative requirements

Alloy Lead Free, 99.3% Tin, 0.7% Copper Alloy
Flux Type 511, Rosin based
Melting Temperature 227°C
Tip Temperature (Approx.) 350°C - 370°C

339057

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	509-0593●	10.97	10.09
	0.7mm	509-0600●	6.80	6.25
	0.9mm	509-0611●	9.00	8.29
	1.2mm	509-0623●	8.14	7.50
500g Reels	0.7mm	509-0647●	15.89	14.62
	0.9mm	509-0659●	16.73	15.38
	1.2mm	509-0660●	15.00	13.80

Lead Free Alloy, Rosin Flux

New alloy: Tin (97.1%), Silver (2.6%), Copper (0.3%)



- Lead free
- Contains one core of rosin based flux
- Amber coloured (rosin) residues do not require cleaning
- For all general purpose lead-free electronic assembly and re-work applications
- Complies with all lead-free legislative requirements

Alloy Sn97.1Ag2.6Cu0.3
Melting Temperature 217°C - 224°C
Tip Temperature (Approx.) 350°C

416044

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	5+
250g Reels	0.5mm	101-5443●	17.37	15.65
	0.7mm	101-5444●	13.07	11.75
	1mm	101-5445●	11.94	10.74
	1.2mm	101-5446●	11.56	10.41
500g Reels	0.7mm	101-5447●	25.36	22.82
	1mm	101-5449●	23.14	20.83
	1.2mm	101-5451●	23.02	20.72

Lead Free Alloy, No-Clean Flux

New alloy: Tin (97.1%), Silver (2.6%), Copper (0.3%)



- Halide free flux formulation
- Contains 5 cores of flux
- Non-corrosive reliable flux residues
- Minimal clear residues do not require cleaning
- Complies with all lead-free legislative requirements
- Suitable for high reliability, lead-free, no-clean assembly, or rework of PCBs

assembled in a lead-free no-clean process

Alloy Sn97.1Ag2.6Cu0.3
Melting Temperature 217°C - 224°C
Tip Temperature (Approx.) 350°C

416047

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	5+
250g Reels	0.5mm	101-5452●	14.38	12.95
	0.7mm	101-5453●	13.62	12.26
	1mm	101-5454●	12.45	11.23
	1.2mm	101-5455●	9.68	8.71
500g Reels	0.7mm	101-5456●	26.45	23.80
	1mm	101-5457●	24.21	21.80
	1.2mm	101-5458●	23.43	21.09

Lead Free Alloy, Mildly Activated No-Clean Flux

New alloy: Tin (97.1%), Silver (2.6%), Copper (0.3%)



- Mildly activated no-clean flux formulation
- Contains 5 cores of flux
- Increased flux content (2.7% by weight) - low fuming and low spitting
- Minimal clear residues, do not require cleaning

- Complies with all lead-free legislative requirements
- Suitable for general lead-free, no-clean assembly, or rework of PCBs assembled in a lead-free no-clean process

Alloy Sn97.1Ag2.6Cu0.3
Flux Type Mildly activated, no-clean
Melting Temperature 217°C - 224°C
Tip Temperature (Approx.) 350°C - 370°C

416055

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	5+
250g Reels	0.5mm	101-5459●	13.82	12.45
	0.7mm	101-5460●	13.06	11.75
	1mm	101-5462●	11.65	10.47
	1.2mm	101-5463●	11.61	10.44
500g Reels	0.7mm	101-5464●	25.40	22.86
	1mm	101-5465●	23.25	20.90
	1.2mm	101-5466●	23.13	20.83

Lead-Free Alloy, High Activity Rosin Flux

New alloy: Tin (97.1%), Silver (2.6%), Copper (0.3%)



- Contains 5 cores of halide-activated rosin based flux
- Pale coloured residues do not require cleaning
- Extra wetting properties for faster soldering

- For all general purpose lead-free electronic assembly and re-work applications
- Complies with all lead-free legislative requirements

Alloy Sn97.1Ag2.6Cu0.3
Flux Type Halide-activated rosin-based flux
Melting Temperature 217°C - 224°C
Tip Temperature (Approx.) 350°C - 370°C

416070

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	5+
250g Reels	0.5mm	101-5467●	17.46	15.72
	0.7mm	101-5468●	13.19	11.87
	1mm	101-5469●	11.78	10.58
	1.2mm	101-5470●	12.07	10.85
500g Reels	0.7mm	101-5471●	25.67	23.10
	1mm	101-5472●	23.49	21.12
	1.2mm	101-5474●	17.07	15.35

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Solder Wire - Lead Free - continued

Lead Free Solder Wire HS10, Alloy TSC



- **Sn95.5Ag3.8Cu0.7**: best choice for lead free electronics
- Proven in electronic manufacturing
- Lowest melting point of alloys with high tin content
- Eutectic alloy (exact melting point) 217°C
- Improved wetting
- Flux type 1.1.2. to DIN EN 29454-1 (F-SW26)



378300/436420

Wire Ø (mm)	Weight (g)	Order Code	1+	5+	10+
0.5	100	840-0270	7.95	7.15	6.48
0.5	250	840-0288	18.78	16.92	15.38
0.8	100	840-0296	5.84	5.29	4.84
0.8	250	840-0300	14.02	12.60	11.47
1.0	100	840-0318	5.71	5.10	4.65
1.0	250	840-0326	14.90	13.50	12.95
1.5	100	840-0334	27.90	25.90	25.10
1.5	250	840-0342	5.64	5.16	4.75
1.5	250	840-0350	14.50	13.50	12.95

Lead Free Solder Wire Alloy TC



- **Sn99Cu1**
- Proven in electronic manufacturing
- Favourable price (no silver)
- Eutectic alloy (exact melting point 227°C)
- Improved wetting
- Flux type 1.1.2. to EN 29454-1 (F-SW26)



378329

Wire Ø (mm)	Weight (g)	Order Code	1+	5+	10+
1.0	250	840-0369	7.18	6.43	5.84
1.0	500	840-0377	13.58	12.22	11.10
1.5	250	840-0385	7.06	6.33	5.77
2.0	250	840-0393	7.04	6.31	5.75

Lead Free 96SC Alloy, Colophony Free (105) Flux



- Lead free alloy combined with 105 Colophony-free flux
- Colophony free fully synthetic flux (no rosin or modified rosin) - non corrosive formulation
- High activity - fast and sustained soldering on copper and brass
- Distinctive low odour to distinguish from rosin products
- 95.5% Tin (Sn), 3.5% Silver (Ag), 0.7% Copper (Cu) Alloy
- 217°C melting point (tip temperature of 350°C to 370°C)
- Complies with HSE colophony-free recommendations and all lead-free legislation requirements



- Suitable for general assembly, or rework processes - operationally and aesthetically similar to traditional rosin fluxes

339833/436437

Wire Diameter	Weight	Order Code	1+	10+	50+
0.7mm	250g	454-590	26.16	24.88	23.61
1mm	250g	454-412	25.41	22.24	21.11

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Solder Wire - Water Soluble, High Activity Flux

Hydro-X Water Soluble Flux



- High acidity, high activity, water soluble flux formulation
- 60% Tin (Sn), 40% Lead (Pb) Alloy
- 180°C melting temperature (tip temperature approximately 308°C)
- Fast wetting, no spitting, no insoluble residues
- Residues MUST be removed quickly and thoroughly by water. No other neutralisers are necessary
- Active flux to promote rapid, efficient soldering of difficult to solder parts

212536

	Order Code	1+	5+	10+	20+
500g 0.71mm	629-431	27.72	26.32	24.73	23.25

Arax Acid Cored Solder



- High acidity, high activity, water soluble flux for metal fabrication
- Suitable for brass, bronze, iron, spring steel, resistance wires and galvanised wire
- Fast wetting, no spitting, no insoluble residues
- Not recommended for electronics assembly
- 60/40 Tin/Lead alloy has 183°C melting temp
- Lead free tin/silver alloy has 221°C melting temp

212538

Tin/Silver	Order Code	1+	5+	10+	20+
500g Reels					
1.63mm	629-455	57.45	54.46	51.75	50.14
250g Reels					
1.63mm	629-479	30.20	28.69	28.13	26.93
0.71mm	629-480	34.72	33.03	31.34	30.36
Tin/Lead					
500g Reels					
1.63mm	629-492	27.87	26.46	24.65	22.36

"Alusol" Aluminium Solder



- Most reliable option for soldering of aluminium and aluminium alloys
- Highly active - solders virtually all other metals including stainless steel
- Tin, lead, silver alloy with four cores of the unique "Alusol flux"
- Melting range 178-270°C

212537

	Order Code	1+	5+	10+	20+
500g 0.91mm	629-443	30.19	28.69	27.26	26.39

Solder Paste - Tin/Lead, No Clean

MP200 No-Clean Solder Paste



- General purpose for stencil printing applications
- Wide printing and reflow process windows (air and nitrogen)
- Good tack performance, excellent slump resistance
- No-clean residues
- 90% metal content
- IPC/J-STD ROLO approved

Alloy 62% Tin, 36% Lead, 2% Silver Alloy, (179°C Liquidus)

339068

Size	Mfrs. List No.	Order Code	1+	10+
500g	2006905-M	509-1111	76.56	69.61

Solder Pastes



RA10 Solder Paste

- Formulated for dispensing
- Excellent tack life
- High activity to deal with poor component solderability
- Produces safe residues - eliminates the need for cleaning
- 25g cartridge or 25g syringe (with plunger) options

RM92 Solder Paste

- High activity robust rosin-based solder paste
- Rosinous (amber) residues do-not need cleaning
- Good tack performance and printer open time
- Solder alloy consists of 62% Tin, 36% Lead, 2% Silver
- 88% metal content for screen printing, 90% for stencilling, 500g jars
- Suitable for reflow in air or nitrogen

RP11 Solder Paste

- High activity rosin-based solder paste
- Rosinous (amber) residues do-not need cleaning
- Good tack performance and printer open time
- Solder alloy consists of 62% Tin, 36% Lead, 2% Silver
- 90% metal content for stencilling, 250g jars
- Suitable for reflow in air or nitrogen

222229

Type	Container	Order Code	1+	5+	10+
RA10	25g cartridge	149-976▲	19.06	17.76	15.41
RA10	25g syringe	149-968▲	14.95	13.93	11.87
RM92 (Stencilling)	500g tub	201-352▲	89.44	78.97	71.77
RM92 (Screen Printing)	500g tub	201-364▲	89.44	78.97	71.77

Solder Paste - Tin/Lead, Water Washable

WS200 Water Washable Solder Paste



- General purpose for stencil printing applications
- Wide printing and reflow process windows (air and nitrogen)
- Good tack performance, excellent slump resistance
- Easy to remove water soluble residues
- 90.5% metal content

Alloy 62% Tin, 36% Lead, 2% Silver Alloy, (179°C Liquidus)

339069

Size	Mfrs. List No.	Order Code	1+	Price Each	10+
500g	2002955-M	509-1123	132.22		123.88

Solder Paste - Lead Free, No Clean

LF318 Lead Free No-Clean Solder Paste



- Lead free, Halide free solder paste
- No clean residues
- 88.5% metal content
- Suitable for reflow in air or nitrogen
- 96SC (SAC 387) 95.5% Tin, 3.8% Silver, 0.7% Copper
- Melting point 217 °C

443408/472268

Size	Order Code	1+	Price Each	10+
500g Jar	125-7149●	52.00		49.40

LF320 Lead Free No-Clean Solder Paste



- General purpose for stencil printing applications
- Wide printing and reflow process windows (air and nitrogen)
- Good tack performance, excellent slump resistance
- 96SC (SAC Alloy)
- No-clean, residues
- 88% metal content
- IPC/J-STD ROMO approved

Alloy 96SC (SAC Alloy), 95.5% Tin, 3.5% Silver, 0.7% Copper, 217°C Liquidus

339071

Size	Mfrs. List No.	Order Code	1+	Price Each	10+
500g	3209885-M	509-1100●	122.04		114.33

Lead-Free Solder Paste



- General purpose for stencil printing applications
- Wide printing and reflow process windows
- Good tack performance, excellent slump resistance
- No-clean, residues
- 88% metal content

Material Composition 95.5% Tin, 3.5% Silver, 0.7% Copper, 217°C Liquidus

338633

Size	Order Code	1+	Price Each	10+
500g	507-1458●	102.63		95.19

Solder Fluxes & Chemicals

Lead-Free Flux Dispensing Pen



A pen for applying lead-free flux with precision and control.

- Applies a noncorrosive, halide free, no clean flux for high temperature, lead-free application
- Can also be used for tin/lead fluxes
- Flux meets Bellcore TR-N-NWT-000078 and IPC SF-818 for Surface Insulation Resistance
- Flux meets ANSI / IPC J-STD-004, Type ROL0
- Easily removed with Lead-Free Flux Remover Pen, or Flux-Off® Lead-Free Flux Remover
- Excellent material compatibility
- Fast drying
- RoHS Compliant

417045

Size	Colour	Mfrs. List No.	Order Code	1+	Price Each	6+	12+
9g	Clear Yellow	CW8400	959-9568●	7.18	6.83		6.48

Rework Flux Gel



- Special flux gel designed for re-work of SMT assemblies
- Optimised for dispensing
- Halide-free, no-clean formulation, minimal clear residue
- Compatible with no-clean assembly and rework processes

212494

Pack Quantity=1	Order Code	1+	Price Each	50+
10cc Syringe	453-547	16.39	14.34	13.64

Coming soon



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Solder Fluxes & Chemicals - continued

Flux Pen

Refillable

BONKOTE



- Refillable pen sized tool for applying liquids
- Sealed cartridge prevents evaporation
- Brush fibre tip for controlled application
- Ideal for applying flux but may be used in many applications

Capacity 7ml
Tip length 14mm
Tip diameter 4.3mm, tapers to a point

Contains parts made from
Polypropylene
Polyester
Polyethylene

212527

Mfrs. List No.	Order Code	1+	5+	10+	20+
BON102	500-896	11.34	10.78	10.12	8.85

Flux Bottle



Halogen free - activated colophony and liquid flux, suitable for electronic soldering applications. DIN EN 29454 1.1.3.A
Supplied in 100g.



507086

Description	Order Code	1+	5+	10+
Flux Bottle	157-2843	10.89	10.56	10.25

43

Flux Bottle

(2PCS/pack)



Dispenses flux evenly with a fine tipped needle



525414

Description	Mfrs. List No.	Order Code	1+	5+	10+
Flux Bottle	MS-035	166-6211	1.49	1.44	1.33

Surface Mount



SMA - Surface Mount Adhesive

- High green strength adhesive
- Solvent resistant
- Thixotropic nature gives high dot profile
- Medium strength final bond
- Heat curing
- May be manually or automatically dispensed
- Store below 5°C

Note: Shelf life is 6 months at 20°C, 12 months at 5°C. Refrigerated storage is recommended.

SMFL/SMF - Surface Mount Rework Flux

- Quick drying flux to aid rework
- Use prior to desoldering to aid component removal
- MIL approved no-clean flux
- Non-tacky, non-corrosive residue

Note: Aerosol contains flammable contents. Do not use on live equipment or near any source of ignition. Use in a well ventilated area.

212521

Mfrs. List No.	Order Code	1+	5+	10+	20+
10ml Syringe	SMA10SL	106-610	12.90	12.34	11.71
12ml Pen	SMF12P	891-186	4.30	4.03	3.75
200ml Aerosol	SMFL200D	298-311	9.05	8.55	8.33

Spot-On Peelable Solder Resist



- Designed to be used in conjunction with non-corrosive 'Ersin' (rosin) or 'Xersin' (multicore synthetic resin) fluxes which do not require removal by washing after soldering
- Material dries to a thinner coating
- Can be used undiluted but, can be thinned with up to 50% of water for spraying and brushing
- Material dries in 40 mins at 80°C (176°F) or 2 hours at ambient temperature
- Supplied in a 250ml bottle

Note: The maximum operating temperature for Spot-On is 275°C for 1 minute. Any hotter or longer may cause problems with removal after soldering.

212684

Order Code	1+	5+
149-803	9.62	9.25

Chemask® Lead-Free Solder Masking Agent



- Chemask® lead-free solder masking agent protects PC boards, plated through-holes, contacts, pins, posts and terminals during wave soldering
- Can be used in lead-free or tin/lead applications
- Compatible with rosin, no clean, and water soluble fluxes - Unaffected by cleaning solvents
- Provides short term high temperature protection from molten solder to 288°C
- Non-flammable and ozone safe
- Plastic safe - Test compatibility on bare copper
- Non-contaminating leaving no residue
- Ready for wave solder in 4 minutes
- Dries tack free in 15 minutes
- Fully cured in 30 minutes
- Latex material is compatible with flux systems and stable with cleaning solvents
- RoHS compliant

417043/436419

Size	Colour	Mfrs. List No.	Order Code	1+	6+	12+
250ml	Pink	CLF8E	959-9592	8.86	8.42	8.06

Chemask® Masking Agent



- Chemask® solder masking agent protects PC boards, plated through-holes, contacts, pins, posts and terminals during wave soldering
- Provides short term high temperature protection from molten solder to 268°C
- Non-flammable
- Non-contaminating leaving no residue, ionic or corrosive
- Plastic safe, Non-flammable, upper ozone safe; CFC/HCFC free
- Dries tack-free in 30 minutes
- Latex material is compatible with flux systems and stable with cleaning solvents

212562

Description	Size	Mfrs. List No.	Order Code	1+	12+	24+
Chemask®	.25l	CM8l	860-529	8.82	8.44	8.10

Troubleshooting tips



Chat live online to one of our technical engineers at
www.farnell.co.uk

Lead-free Tip Tinning Block

TTC LF



- Rapid and effective for cleaning and re-tinning very corroded tips
- Compact block containing flux and lead-free solder in powder form
- Compatible with lead or lead-free processes
- Activator is decomposed by heat
- Alloy complies with international standards of purity

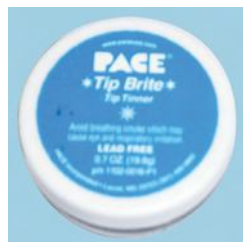
- Minimal residues
- Packed in a small metal tin with a lid and self-adhesive pad so that it can be fixed to any surface

423673

	Order Code	1+	10+	50+
TTC LF	111-5477	4.45	4.12	3.69

Lead Free Tip Tinner

Tip Brite



- Lead Free
- Excellent re-wetting/ retinning properties
- Prevents oxidation from forming

447689

Description	Order Code	1+	5+
Tip Tinner	127-9335●	5.61	5.61

Solder Pot Pellets



- High purity solder pellets
- 63/37 tin-lead eutectic alloy
- Ideal for solder pots or baths

230526

Pack Quantity=1	Order Code	1+	10+	50+
250g Solder Pot Pellets	454-618	10.81	9.48	9.01

99SC Lead Free Solder Pellets



- Ideal for solder pots or baths
- Optimum temp for use in solder bath is 265°C ±10°C
- Less dense, more joints per kilo (compared to tin/lead)
- Reduced drossing
- Better reliability than tin/lead
- Melting point 228°C

444853

Size	Order Code	1+	10+	50+
250g Jar	125-9065●	12.35	11.87	11.24

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Batteries Directive - we've got it
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Solder Pots

Solder Pot



ANTEX

- Suitable for leadfree soldering
- 90W solder pot for dipping and tinning components and wires
- Stable design
- Can be screwed to bench for greater security
- Supplied with UK mains plug

Power supply 230 V ac50 Hz
Typical operating temperature 385 °C
Power 90 Watts
Solder capacity 140 g
Crucible diameter 39mm

H=126, W=120, D=120, Pot Dia=39

451850

	Order Code	1+	5+
Solder pot	130-9550●	161.60	156.74
Spare elements	120-4739●	27.95	26.19

Lead-Check Kits

Direct Lead Check Swabs



Easy to use, disposable **LeadCheck®** Swabs will work on any surface, instantly turning bright pink when lead is present. Each swab is ready to use. There are no hidden steps or lengthy procedures. **LeadCheck®** are odourless, disposable and non-staining. The entire test procedures is so convenient that it can be performed anywhere in 30 seconds. There's even a test card confirmation card to verify test results.

476867

Order Code	Price Each
141-7755	37.26

Indirect Lead Check Circuit Board Kit



Easy to use, disposable **Lead-Check®** Circuit board kit will work on any surface with a dry swab, instantly turning bright pink when lead is present. Each circuit board kit is ready to use. There are no hidden steps or lengthy procedures. **LeadCheck®** are odourless, disposable and non-staining. The entire test procedures is so convenient that it can be performed anywhere in 30 seconds.

476866

Order Code	Price Each
141-7756	68.31

Material Dispensing Systems

Dispensers with Solder



- Handy sized solder dispenser
- Snap-on cover with feed hole and inspection hole
- Ideal for bench and field service work
- Available with either 6 metres of multicore 60/40tin alloy solder 22swg or 4m of multicore 'Savbit' alloy solder 18swg

212670

	Order Code	1+	Price Per Reel	250+
Dispenser with 60/40 Ersin multicore solder	146-706	1.66	—	—
Dispenser with 'Savbit' Ersin multicore solder	146-707▲	2.71	2.54	2.42

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Material Dispensing Systems - continued

Dispenser for 500g Solder Reels



- Wire is fed through a dispensing tube
- Friction mount prevents reel running on
- Suitable for all gauges of 500g reels

Weller
COOPER Hand Tools

212669

Mfrs. List No.	Order Code	Price Each
SD1000	419-606	29.31

DX-250 Digital Fluid Dispenser



OKI
OR INTERNATIONAL
Powered by METOX SmartHeat™

The DX-250 Series enhances user productivity with prepackaged sample tips and commonly used syringe adapters. The modern-style enclosure, small footprint and a unique locking mechanism allow DX-250 Series to be stacked and locked on top of each other, thus maximizing available workspace.

A precision fluid dispensing system with vacuum control for all viscosities of fluids using air powered disposable syringes. The solid-state controller provides accurate and repeatable dispensing cycles. Optimum dispensing is achieved by adjusting the output pressure and dispense time with options of automatic timing or fully manual operation. Adjustable vacuum feature for controlling drip of fluids between dispense cycles. The DX-250 has been upgraded to allow the dispense time duration to be input in a more user friendly manner, via the use of an additional analogue control with the time value still displayed on the LCD window.

These economic, versatile units feature a digital display which allows the user to accurately set a precise dispense time. The DX-250 ranges from 0 to 6.9 bar (100psi) for general applications.

The DX-250 comes complete with an accessory kit and universal power supply with international adaptors making them the most exceptional cost effective entry level dispenser currently available for Fluid Dispensing applications.

- Auto ranging power supply that will accept 100-240 Vac
- Small footprint
- LCD Display
- Digital timing from 0.020-60.000 sec
- 6mm push fit connector for the Air In connection
- Micro action foot switch (included)
- CSA and CE certified

Contents: The Fluid Dispenser is supplied with a micro foot switch, syringe holder, air-line holder, receiver head assembly, commonly used dispensing needles and user guide.

Supply Voltage	100-240 V ac 50/60Hz
Operating Pressure	0 - 100psi (0 - 6.9 bar)
Timer	Programmable from 0.008 to 99.999s
Timing Repeatability	± 0.001%
Cycle Initiation	Maintained and momentary
Cycle Rate	600+/min
Dimensions (HxWxD)	165x152x178mm
Weight	1.1kg

Description	Pack	Mfrs. List No.	Order Code	Price Per Pack
Fluid Dispenser	1	DX-250	127-7189	265.00
Accessories				
Note: Accessories also compatible with TS9150G (Farnell order code 127-7189)				
Receiver Head with 3' Tube (3cc)	1	70303RHB	795-1701	12.65
Receiver Head with 3' Tube (10cc)	1	71003RHB	795-1710	12.65
Receiver Head with 3' Tube (30cc)	1	93055-3RHB	795-1728	12.65
Syringe, 3 cc	50	903-N	795-1736	15.27
Syringe, 10 cc	50	7100LL1NPK	795-1744	19.76
Syringe, 30 cc	50	7300LL1NPK	795-1752	26.08
Wiper Piston, 3 cc White	50	903-WW	795-1760	3.69
Wiper Piston, 10 cc White	50	910-WW	795-1779	7.38
Wiper Piston, 30 cc White	50	93055-WW	795-1787	12.12
System End Cap, 3 cc	50	703000CRPK	795-1795	6.86
System End Cap, 10 cc	50	910-EC	795-1809	8.16
System End Cap, 30 cc	50	730000CRPK	795-1817	9.49

447558

Needles (Packs of 50)			Length	Mfrs.		Price Per Pack	
Gauge	Colour	I.D. mm	mm	List No.	Order Code	1+	5+
25	Red	0.254	6.35	TE725050PK	795-1647	18.66	17.74
23	Orange	0.330	6.35	923050-TE	795-1655	20.08	18.83
21	Purple	0.508	6.35	921050-TE	795-1663	18.66	17.74
18	Green	0.838	6.35	TE718050PK	795-1671	13.53	12.86
14	Olive	1.600	12.7	TE714050PK	795-1680	18.66	17.74

Liquid Dispenser

SEMCO



H=70, W=220, D=240

- Dispenses all fluids from water thin liquids, to thick paste
- Adjustable vacuum control eliminates dripping and run-on
- Accurate repeat shot size saves time, material and rejections
- Supplied with foot controller, dispenser stand, a selection of needles, 10ml syringes and adaptors
- Suitable for dispensing fluxes, adhesives, lubricants, solder pastes and sealants
- Locking universal receiver prevents syringe being blown off under pressure
- Filter regulator cleans moisture and particles that could impair the performance of the dispenser
- Both Euro and UK plugs supplied

Input voltage	230V ac	Air supply max	100 psi
Internal voltage	24V	Shot time	0.05-5 seconds

212540

	Mfrs. List No.	Order Code	Price Each
Dispenser	SDV9100V/SD340	630-093	1+ 3+
			616.03 579.06

Receivers, Syringes and Nozzles

SEMCO



Receiver

Fully locking universal receiver assembly including receiver head for 10ml cartridges, air line, clamps and male connector. Fits most makes of syringe.

Syringe

Comprises of Leurlock barrel and new long series stopper supplied as separate items and available in 10ml and 30ml sizes.

Nozzles

All Leurlock - 18, 19 & 21 gauges with 6" stainless steel tips and 20 & 21 gauge maximum flow tapered plastic tips.

Tip Cap

To prevent leakage or evaporation of syringe contents.

212517

	Order Code	1+	Price Each
Universal Receivers			5+
10ml	105-977	55.120	52.360
Order Multiple=5		5+	10+ 50+

		Price Each		
Syringe Barrels				
10ml	105-979	0.270	0.230	0.199
30ml	105-980	0.830	0.700	0.590
Syringe Stoppers				
Long series 10ml	105-981	0.280	0.230	0.180
Long series 30ml	105-982	0.760	0.460	0.350
Nozzles				
18 Gauge Nozzle Stainless Steel (Pink)	105-983	0.400	0.320	0.290
19 Gauge Nozzle Stainless Steel (Brown)	105-984	0.400	0.320	0.290
21 Gauge Nozzle Stainless Steel (Green)	105-985	0.400	0.320	0.290
20 Gauge Tapered Plastic (Pink)	108-300	0.410	0.340	0.300
22 Gauge Tapered Plastic (Blue)	105-987	0.400	0.320	0.290
Tip Cap	105-988	0.144	0.088	0.072

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