

ANTEX

Chemtronics



Pro'sKit

Weller

Contents

Page

Antex Portable Gas Soldering Irons	1683
Antex Soldering Iron Tips	1680
Antex Soldering Irons & Power Supplies	1679
Antex Soldering Stations	1680
Desoldering Guns	1684
Ersa Soldering/Desoldering Stations	1679
Fume Extraction Systems	1685
Pace Handpieces	1677
Pace Solder and De-Soldering Stations	1677
Pace Soldering Spares	1678
Pace Soldering/De-Soldering Tips	1678
Portasol Portable Gas Soldering Irons	1682
Solder	1691
Soldering Accessories	1684
Spares for Antex Equipment	1681
Vulkan Portable Gas Soldering Irons	1683
Weller Desolder Stations	1671
Weller Hot Air Stations	1673
Weller Low Voltage Irons & Power Supplies	1665
Weller Mains Soldering Irons	1664
Weller Portable Gas Soldering Irons	1682
Weller Portable Ni-Cd Powered Iron	1683
Weller Re-Work Stations	1672
Weller Spares & Accessories	1675
Weller Temperature Controlled Stations	1666



Make Farnell-Newark InOne
your first choice -
search over 300,000 products at
www.farnell-newarkinone.com.sg

**Can't find the product
you are looking for?**

42

Soldering



Multicomp Mains Soldering Iron

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	Price Each		
		1+	5+	20+
15W Soldering Iron	506-1921	37.43	35.87	33.69
25W Soldering Iron	506-1933	39.71	37.86	35.19

Tip Size	Style	1+	10+	20+
Tips for use with 15W Iron (370 °C)				
0.1mm	Point	108-518	6.96	6.60
1.0mm	Chisel	418-596	6.98	6.33
2.3mm	Chisel	418-614	6.98	6.33
3.0mm	Chisel	418-687	6.98	6.33
4.7mm	Chisel	418-730	6.98	6.33
Tips for use with 25W Iron (390 °C)				
0.5mm	Point	418-572	6.98	6.33
2.3mm	Chisel	418-626	6.98	6.33
2.3mm	Screwdriver	418-638	6.95	6.33
3.0mm	Chisel	418-699	6.98	6.33
3.0mm	Screwdriver	418-705	6.95	6.33
4.7mm	Chisel	418-754	6.98	6.12



- 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
- Meets lead-free soldering requirements

	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

Wattage	Mfrs. List No.	Order Code	Price Each	
			1+	5+
15W	SP15LUK	842-6406	46.51	40.17
25W	SP25LUK	842-6414	46.84	40.49
40W	SP40LUK	842-6422	50.22	43.52
80W	SP80LUK	842-6430	61.91	53.54

Tip Width Type	Mfrs. Plating List No.	Order Code	Price Each	
			1+	3+
Tips for SP15L (15W) Iron				
2.0mm Screwdriver	Nickel S5	879-6777	15.33	13.70
3.5mm Screwdriver	Nickel S3	957-940	3.53	--
0.4mm Conical (Longlife)	Iron S31	957-926	6.12	5.55
2.0mm Screwdriver (Longlife)	Iron S32	957-938	8.08	7.29
Tips for SP25L (25W) Iron				
0.8mm Conical	Nickel MT1	879-6785	11.56	10.38
4.0mm Screwdriver	Nickel MT2	879-6793	11.56	10.38
4.8mm Straight, Smoothing Tip	Nickel MT6	879-6807	5.53	4.69
Hot Knife (Blade & Chuck)	HK11	879-6815	8.20	7.39
Tips for SP40L (40W) Iron				
6.3mm Screwdriver	Nickel MT10	879-6823	17.80	16.41
6.3mm Screwdriver, Bent	Nickel S4	879-6831	17.80	16.41
5.0mm Screwdriver (Longlife)	Iron S36	879-6840	15.04	13.87
5.0mm Screwdriver, Bent (Longlife)	Iron S37	879-6858	15.04	13.87
Tips for SP80L (80W) Iron				
9.5mm Screwdriver (Longlife)	Iron MTG20	462-5067	14.88	--
9.5mm Screwdriver, Bent	Nickel S8	879-6866	21.68	20.08
7.0mm Screwdriver (Longlife)	Iron S38	353-425	25.83	22.95
7.0mm Screwdriver, Bent (Longlife)	Iron S39	353-449	25.83	22.95

Soldering

42

Weller Mains Soldering Irons

Miniature Series 2000



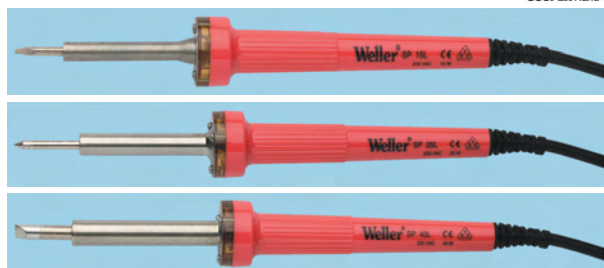
Barrel length (excl. tip) = 50, Barrel dia. = 7

- Lightweight miniature mains soldering iron
- Economical
- Comfortable thermoplastic handle
- Ideal for use where precision touch is needed
- Supplied with stand

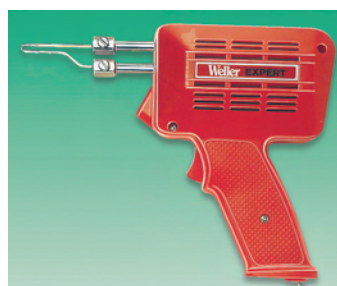
212525

	Mfrs. List No.	Order Code	Price Each
12W	2012	500-720	40.88
15W	2015	500-732	42.66
20W	2020	500-744	43.73
Tips 3 Per Pack			Price Per Pack
For Iron type	Tips		
2012	0.65 Micro point	STT1	500-756 7.11
2015	2.4 Chisel Point	STT2	500-768 7.11
2020	3.5 Chisel Point	STT3	500-770 7.16

SP Series



Instant Heat, 100 Watt Expert Soldering Gun



- 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	100.18
Soldering tip - 2 per card	7135	415-893	3.49
Cutting tip - 1 per card	6110	415-900	4.59
Smoothing tip - 1 per card	6120	415-911	5.11

Temperature Controlled - W Series



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



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



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

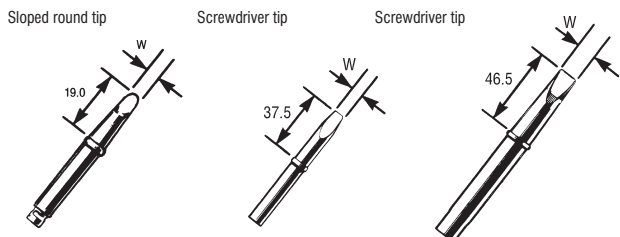
- Well balanced lightweight irons
- High thermal reserve
- Temperature determined by tip selection
- Thermoplastic handle
- Capacitor is incorporated to improve switch life and prevent interference
- Fully earthed
- Fitted with 1.5m burn-proof lead
- Suitable for use with transistors, PCBs, heavy electrical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

222228

Wattage	Voltage	Mftrs. List No.	Order Code	1+	5+	10+	48+
60W	240V	W61 UK	415-807	129.87	--	--	--
60W	120V	W61E	415-819	129.97	--	--	--
100W	240V	W101 UK	415-820	147.36	--	--	--
100W	120V	W101E	415-832	158.42	142.56	134.64	126.75
200W	240V	W201D	415-844	194.60	--	--	--
200W	120V	W201E	415-856	173.76	156.36	147.69	146.67

Irons with Euro Schuko Plug						
60W	240V	W61 EU	800-650	141.60	133.65	126.63
100W	240V	W101 EU	800-661	161.82	151.71	144.54
200W	240V	W201	800-673	206.61	195.06	184.62

CT Series Tips for W Series Irons



CT5 series for W60 Irons		CT6 series for W100 Irons		CT2 series for W200 Irons	
Style Code	W	Style Code	W	Style Code	W
AA	1.6	C	3.2	E	7.0
BB	2.4	D	5.0	F	10.0
CC	3.2	E	7.0		
DD	5	F	9.5		
EE	6.4				

Temp. Code	Tip Temp.	Temp. Code	Tip Temp.	Temp. Code	Tip Temp.
6	310°C (600°F)	7	370°C (700°F)	7	370°C (700°F)
7	370°C (700°F)	8	425°C (800°F)	8	425°C (800°F)
8	425°C (800°F)				

CT5CC7 fitted as standard		CT6E7 fitted as standard		CT2F7 fitted as standard	
Mftrs. List No.	Order Code	Mftrs. List No.	Order Code	Mftrs. List No.	Order Code
416-010	416-010	416-162	416-162	416-265	416-265
416-022	416-022	416-174	416-174	416-241	416-241
416-034	416-034	416-186	416-186	425-461	425-461
416-046	416-046	416-198	416-198	416-265	416-265
416-058	416-058	416-204	416-204		
416-060	416-060	416-253	416-253		
416-071	416-071	416-228	416-228		
416-083	416-083	416-230	416-230		
416-095	416-095	416-241	416-241		
416-113	416-113	425-461	425-461		
416-149	416-149	416-265	416-265		
416-150	416-150				

Mftrs. List No.	Price Each
All CT5 type	5.80
All CT6 type	8.00
All CT2 type	18.88

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	Mftrs. List No.	Order Code	Price Each
TCP	KH20	454-734	30.08
W61 & W101	KH 6	419-217	32.27
Sponge (5 pack)	52241999	800-636	21.18

Weller Soldering Stations

WHS40 Soldering Station

40W



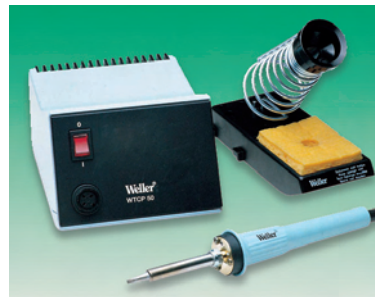
- Temperature controlled soldering station
- 18V low voltage iron
- Temperature variable between 200°C and 450°C
- LED optical control
- Ergonomically designed handle for user comfort
- Meets European safety and CE approvals
- Supplied with iron, 3.5mm straight nickel tip, stand and sponge

Main supply: 230V, 50Hz
Note: Nickel plated tips are supplied as card of three, iron plate tips are supplied each

232384

Station	Mftrs. List No.	Order Code	1+	3+	6+	+
Station	WHS40	957-896	191.68	172.53	162.90	--
Tips						
0.4mm Conical	Plating Iron	0054321099	957-926	6.12	5.55	5.19 --
2.0mm S/Driver	Iron	0054321199	957-938	8.08	7.29	6.84 --
3.5mm S/Driver	Nickel S3	957-940	3.53	--	--	--

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 will only power TCPS
- Supplied with UK mains lead
- Lead adaptor required if TCPS iron is to be used with PS-stations

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

212632

Description	Order Code	1+	5+	10+
Station	WTCP 51	321-2300	277.09	--
Station (Euro)	WTCP 51	401-5198	274.12	--
Power Unit	P51	321-2210	141.83	--
Power Unit (Euro)	P51	400-6069	129.72	122.64
Soldering Pencil	TCPS	836-503	127.83	--
Support	KH20	454-734	30.08	27.09
Lead Adaptor	0058703915	321-2312	46.06	42.36

Magnastat Controlled, 50 Watts, 24V ac - TCPUK

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

Soldering 42

Compliant Non-compliant Limited stock - RoHS replacement available
RoHS



222215

Mfrs. Ref:	Mfrs. List No.	Order Code	1+	5+	10+	48+
TCPUK	0151004199	415-522	113.55	102.21	96.51	95.43
TCP3MUK	0151004299	415-534	130.20	--	--	--

WES51
50W Soldering Station



- Quick heat-up and temperature recovery
- Ideal for continuous production soldering or occasional use
- Wireless temperature lockout prevents operators from changing the temperature to levels higher than specified
- Wireless tip temperature calibration provides the user with capability of resetting the station
- Automatic shut-off feature that extends tip, iron and station life
- Temperature range from 177°C to 454°C
- Supplied with plug



*Fitted as standard

212661

	Price Each
All PT Series Tips	1+ 5.91

WS81 Soldering Station



An electronically controlled soldering station, with analogue display.

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

Station comprises:

PU81 power unit, Mfr's List No. 0053252399
WSP80 soldering iron, Mfr's List No. 0052916199
WPH80 bench support, Mfr's List No. 0051514099

249284

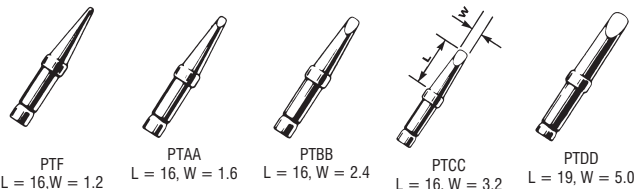
Mfrs. List No.	Order Code	1+	3+
WS81	972-009	463.50	417.15

Soldering

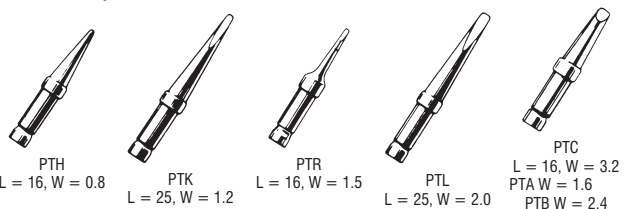
42

PT Series Tips for TCP Irons

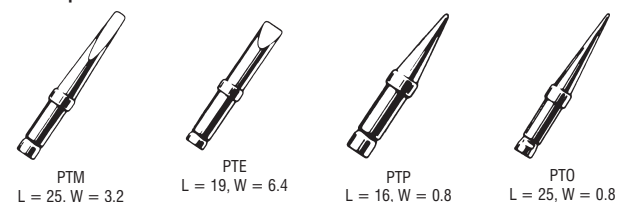
Sloped Round Tips



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.

Temperature Conversion Chart

260°C	315°C	370°C	430°C	480°C
500°F	600°F	700°F	800°F	900°F

Temp./Mfrs. List No.	Order Code	Temp./Mfrs. List No.	Order Code	Temp./Mfrs. List No.	Order Code	Temp./Mfrs. List No.	Order Code
315°C (600°F)							
PT-CC6	416-381	PT-DD7	416-435	PT-B8	800-521	PT-P8	416-708
PT-H6	416-526	PT-E7	416-459	PT-BB8	416-356	PT-R8	416-733
PT-K6	416-551	PT-F7	416-496	PT-C8	903-942	480°C (900°F)	
PT-L6	416-587	PT-H7	416-538	PT-CC8	416-400	PT-AA9	416-319
PT-O6	903-930	PT-K7	416-563	PT-DD8	416-447	PT-BB9	903-954
		PT-L7	416-599	PT-E8	416-460	PT-C9	903-966
370°C (700°F)		PT-M7	416-629	PT-F8	416-502	PT-CC9	416-411
PT-A7	800-508	PT-O7	416-654	PT-H8	416-540	PT-DD9	903-978
PT-AA7*	416-290	PT-P7	416-691	PT-K8	416-575	PT-E9	416-472
PT-B7	800-510	PT-R7	416-721	PT-L8	416-605	PT-M9	416-642
PT-BB7	416-344	PT-S7	836-254	PT-M8	416-630	PT-O16	904-016
PT-C7	416-368	430°C (800°F)		PT-M	836-278	PT-P9	904-028
PT-CC7	416-393	PT-AA8	416-307	PT-O8TIP	416-666		

WSD81 Soldering Station



An electronically controlled soldering station, with digital display.

- 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 Temtron tools compatible with the rating of the station
- Additional functions can be programmed by WCB units
- Automatic tool recognition and self-calibrating
- Uses LT series tips

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+	+
WSD81	977-974	571.11	--

- Fast access to over 300,000 products
- Over 125,000 technical datasheets
- Technical attribute search
- Quick buy facility
- Instant order confirmation

www.farnell-newarkinsonone.com.sg

WD1000 Soldering Station
Uses WD1 Control Unit



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.

NEW

- 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 WSP80 uses LT and LT-LF series bits

Contents of WD1000: WD1 control unit, mains cable, operating instructions, safety information, jack plug, soldering iron WSP80, 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	709.26	657.51	611.94
WD1000 Station (Euro)	005 34 026 99	999-3991	636.58	605.76	--
Individual Items					
WD1 Control Unit (UK)	005 34 003 99	101-8751	356.70	341.34	316.74
WD1 Control Unit (Euro)	005 34 006 99	999-4009	342.78	326.12	320.06
WSP80 Soldering Iron	005 29 178 99	125-6930	227.85	--	--
WDH 10 Soldering Iron Stand	WDH 10	999-4068	60.38	58.40	--

WSD161 Soldering Station



An electronically controlled soldering station, with digital display.

- Rating 2 x 80W
- Supply 230V input, 24V output
- Individual control of both channels
- Temperature range: 50°C to 450°C
- Temperature accurate to ±2% of Max. temp
- Temperature set by up-down push buttons
- Digital temperature display, switchable between channels to show set, read and actual temperatures
- ESD safe
- Can drive all Temtronic tools compatible with the rating of the station
- Additional functions can be programmed by WCB units
- Automatic tool recognition and self-calibrating
- Potential balance socket
- Uses LT series tips

Station comprises:
PUD161 power unit, Mfr's List No. 0053272399
2 x WSP80 soldering iron, Mfr's List No. 0052916199
2 x WPH80 bench support, Mfr's List No. 0051514099

249299

Mfrs. List No.	Order Code	Price Each
WSD161.	321-2257	1+ 925.35

PU51, 50W, PU81, 80W
Variable Temperature Control Power Supplies



PU51/PU81

- Analog control electronics
- Anti-static housing
- Temperature control via rotary potentiometer

PU81

- Low mass soldering tips and integrated heating elements improve heating-up time to 14 seconds (50°C to 350°C)

Temperature variable:
PU51/PU81 150°C to 450°C
Accuracy ±2%
Automatic tool recognition
Equipotential bonding, normal state earthed
Can drive all Temtronic tools compatible with rating.

222218

Please Note: Power Supplies supplied with UK mains lead

Power Supplies	Mfrs. List No.	Order Code	1+	5+	10+
Analogue	PU81	970-992	251.10	--	--
	PU51	454-692	218.55	--	--
Mains Cord to IEC Cable Socket			1+	25+	50+ 100+
UK		152-575	18.38	16.11	14.67 9.75
Euro Schuko		210-699 ▲	12.76	11.52	10.65 9.81
Switzerland		525-583 ▲	17.78	14.97	12.15 9.27
Italy		525-560 ▲	18.44	15.51	12.60 9.63
Denmark		525-546 ▲	20.90	17.55	14.28 10.95
North America		210-705 ▲	13.70	12.96	12.30 11.67
Australia		428-796 ▲	17.94	15.15	12.33 9.51

WD1 and WD2 Control Units



Single Output



Twin Output

These microprocessor controlled power units can be used with a range of "Temtronic" soldering tools to provide a functional soldering system, the WD1 is a single output unit capable of driving "Temtronic" solder/desolder tools, up to a maximum rating of 80W. The WD2 is capable of driving 2 x 80W "Temtronic" solder/desolder tools or a single tool up to 150W. They incorporate microprocessor controlled closed loop temperature control, to provide dynamic temperature stability.

NEW

- 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



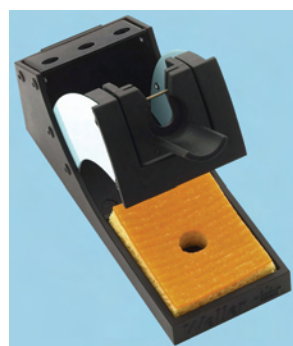
Protection Class I (Control Unit), III (Soldering Iron)
 Temperature Control 50°C - 450°C (150°F-850°F)
 Temperature Accuracy ±9°C (±17°F)
 Temperature Stability ±5°C (±9°F)
 Leak Resistance of Soldering Tip * ≤ 2 Ω (Tip to ground)
 Leak Voltage of Soldering Tip * ≤ 2 mV (Tip to ground)
 * Tip to ground

Handpiece to Control Unit Compatibility			
Handpieces	WD1	WD2	Mfrs List No. Order Code
WSP 80 Soldering Iron	✓	✓	0052916199 125-6930
WSP 80 Soldering Iron Set (Includes WDH 10 Holder)	✓	✓	0052917899 999-4033
WMP Soldering Iron	✓	✓	WMP 415-4666
WMP Soldering Iron Set (Includes WDH 20 Holder)	✓	✓	0052917999 999-4025
MPR 80 Antistatic Soldering Peritronic Pencil	✓	✓	0052916399 125-6921
LR 82 Soldering Iron Set	✓	✓	0053311399. 412-2380
WSP 150 Soldering Iron Set	✓	✓	0053313599 412-2392
WTA 50 Tweezers	✓	✓	0051317199 125-6929
WHP 80 Preheating Plate 80W	✓	✓	0052702899 460-2699
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	Price Each		
			1+	5+	10+
WD1 Control Unit (UK)	005 34 003 99	101-8751	356.70	341.34	316.74
WD2 Control Unit (UK)	005 34 043 99	101-8752	464.70	442.80	412.05

WDH10 and WDH20 Soldering Iron Stands



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 Soldering Iron
 WDH 20 WMP Soldering Iron

422613/436663

Mfrs. List No.	Order Code	Price Each		
		1+	3+	5+
WDH 10	999-4068	60.38	58.40	--
WDH 20	999-4076	60.38	57.45	54.36

Weller WSLT Precision Soldering Station



Electronically controlled soldering station with digital display, equipped with an ergonomic light weight precision soldering iron and automatic temperature set back to 150°C.

- Precision soldering iron only 2.5cm from tip to grip, rated at 65 watt
- Ergonomically designed, light weight (39g) handle
- Can drive all Temtronic tools compatible with the rating
- Temperature range 50°C to 450°C

- Temperature accuracy ±2% of max.
- Exceptionally fast thermal recovery to ensure that consistently reliable high mass and rapid solder joints can be made
- Ability to change tips quickly, even when hot
- Powerful 80 watt power unit with digital display. ESD safe
- Automatic temperature set back to 150°C
- Uses NT series tips

Contents: 1. PUD 81 power unit 2. WMP soldering iron 3. WPHT Stop and Go bench support

241038

Mfrs. List No.	Order Code	1+	5+	10+
0053286399	415-4629	730.74	706.80	--

NT Series Tips



TIPS (w/PART NUMBER)	TIP DESCRIPTION	ORDER CODE
	0.25 Conical	415-4691
	0.25 Straight	415-4708
	1.6mm Conical 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

241311

Mfrs. List No.	Order Code	1+	5+	10+	25+
NT1.	415-4691	21.99	21.20	--	--
NT1S.	415-4708	21.99	21.20	--	--
NT1X	415-4710	24.42	23.25	22.56	21.87
NT4.	415-4721	21.99	21.53	--	--
NT6.	415-4733	21.99	21.30	--	--
NTA.	415-4745	21.99	21.20	--	--
NTAX	415-4757	24.42	23.25	22.56	21.87

Prices are in Singapore Dollars and exclusive of GST. Due to the volatile nature of certain products, prices are subject to change without notice.

Mfrs. List No.	Order Code	Price Each			
		1+	5+	10+	25+
NTB.	415-4769	21.99	21.39	--	--
NTC.	415-4770	21.99	21.20	--	--
NTD	415-4782	21.99	20.97	20.31	19.71
NTGW	415-4794	36.66	34.92	33.84	32.82
NTH.	415-4800	21.99	21.20	--	--
NTK.	415-4812	21.99	21.20	--	--

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



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



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



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



FE50



WSP80FE



WTA50

- WTA50 - Thermal Tweezers**
- 25W per arm
 - Dual temperature sensors
 - Suited to SMD removal

MLR21 - Micro 25W

- Suitable for all miniature soldering applications
- Anti-static

MPR30 - Micro 25W Ergonomic

- Adjustable tilt head allows unobstructed view
- Ergonomic handle and angle improves wrist stress

FE50 - Iron with fume extraction 50W

FE75 - Iron with fume extraction 50W

WSP80FE - WSP80 iron with fume extraction attachment

WSP80 - High Power 80W

- Fast heat-up time
- Broad applications, fine to heavy duty
- Fast tip change with heat insulated barrel unit
- Airflow finger grip keeps handle cool to touch

LR21

- Anti-static
- Universal soldering iron-50W

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			✓	✓	✓	✓
FE75			✓	✓	✓	✓
WST 50	✓	✓	✓	✓	✓	✓
WHP 80		✓		✓	✓	✓
WTA 50	✓	✓	✓	✓	✓	✓

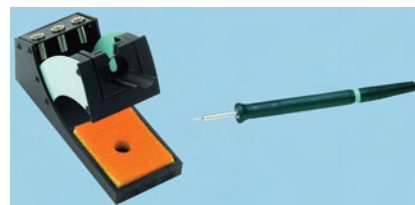
Model	x	y	Component	
WT-1		1,0	11	Chip 0405-1805, SOD80, MELF
WT-2		3,0	11	Chip 1808-1812, SOD87, SOT23, SOT143, SOD89
WT-3		6,0	11	SOT 192, SO4-SO8
WT-4		12,5	10	SO14, SO16, SOJ14, SOJ16
WT-5		18,5	12	SO20, SO20L, SOJ20

222219

Irons	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
Micro 25W	MLR21	848-440	213.90	--	--
Ergonomic 80W	MPR80	125-6921	262.15	246.36	--
High power 80W	WSP80UK	125-6930	227.85	--	--
Thermal Tweezers 50W	WTA50	125-6929	264.93	238.44	--
Soldering Iron 80W	FE75	125-6924	316.15	--	--
Soldering Iron Anti-static 50W	LR21ESD	125-6925	176.72	176.47	--
Soldering Iron 50W	FE50	125-6926	221.85	199.67	--
Soldering Pencil with fume ext. 80W	WSP80FE	125-6927	277.19	249.47	--

Irons	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
Bench Holders					
Bench Holder	KH20	454-734	30.08	27.09	25.59
Micro	KH-15	971-522	33.29	--	--
Ergonomic	KH25P	971-534	42.75	38.46	37.43
Higher Power	WPH80	971-546	41.07	39.00	37.44
Fume extraction attachment	FEAWSP80	454-746	129.25	116.34	109.86
Tips - Thermal Tweezers					
WT-1		977-860	35.43	34.74	--
WT-2		977-871	35.43	34.41	--
WT-3		977-883	35.10	31.56	29.82
WT-4		977-895	74.46	72.07	--
WT-5		977-901	74.46	72.07	--

WMP Soldering Set



This soldering iron and stand set consists of the original WMP soldering iron and the new style WDH20 stand.

NEW

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	415-4666
WDH 20 Soldering Iron Stand	999-4076

422612/436651

Mfrs. List No.	Order Code	Price Each		
		1+	3+	5+
WMP + WDH 20	999-4025	300.34	288.07	--
Individual Items (Available Separately)				
WMP	415-4666	255.42	249.66	--
WDH 20	999-4076	60.38	57.45	54.36

LR21 Soldering Iron Set



- LR21 temperature controlled soldering iron.
- Rated at 50W
- Soldering tips: ET series

Contents:

LR21 Soldering Iron	454-643
KH 20 Bench Support	454-734

241333

LR21 Soldering Set	Mfrs. List No.	Order Code	Price Each
			1+
	0053311299	412-2379	199.41

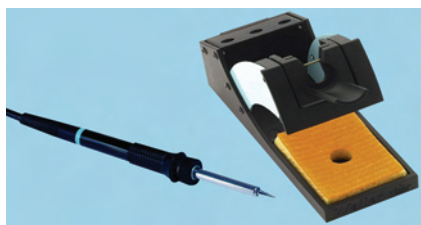
Soldering

42

Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available



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

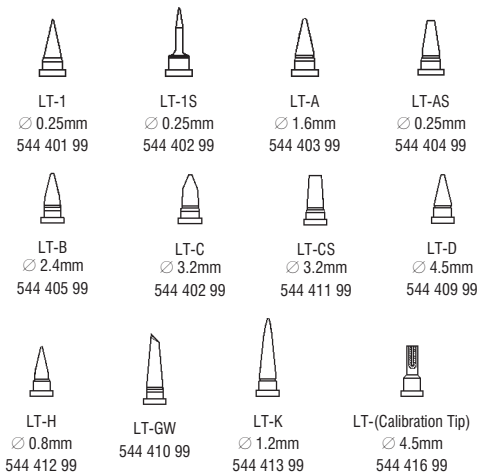
422611/436660

Mfrs. List No.	Order Code	1+	+	+
WSP 80 + WDH 10	999-4033	780.77	--	--
Individual Items (Available Separately)				
WSP80	125-6930	638.37	--	--
WDH 10	999-4068	163.63	--	--

Soldering

42

LT Series Tips for FE75 and WSP80 Iron



MT Series Tips for MLR21 and MPR30

Model	Description	Width A	Thickness B
MT-1	Micropoint	0.25 mm	
MT-1S	Micropoint	0.25 mm	1.6
MT-6	Chisel	1.6 mm	0.4
MT-4	Round tip	1.2 mm	
MT-H	Chisel	0.8 mm	0.4
MT-A	Chisel	1.6 mm	0.4
MT-B	Chisel	2.4 mm	0.8

Selection Chart

Tip Size	Mfrs. List No.	Order Code
0.25mm Round Tip	LT-1	971-029
0.25mm Round Tip Stepped	LT-1S	971-030
1.6mm Chisel Tip	LT-A	971-042
1.6mm Round Tip	LT-AS	971-054
2.4mm Chisel Tip	LT-B	971-066
3.2mm Chisel Tip	LT-C	971-078
3.2mm Chisel Tip	LT-CS	971-080
4.5mm Chisel	LT-D	971-091
0.8mm Chisel Tip	LT-H	971-110
1.2mm Chisel Tip	LT-K	971-121
3.0mm Chamfered Conical Calibration Tip	LT-GW	971-108
0.25mm Micro Point Tip	LT-M	971-133
1.6mm Chisel Tip	MT-1	454-758
0.25mm Micro Point Tip	MT-A	454-801
2.4mm Chisel Tip	MT-1S	454-760
3.5mm Double Flat	MT-B	454-813
0.8mm Bent Chisel Tip	MT-6	801-136
1.2mm Round Tip	MT-HX	454-825
J-Lead Tip	MT-4	454-783
0.8mm Chisel Tip	MT-JL	454-837
Gull Wing Tip	MT-H	454-795
	MT-GW	454-849

212564

	Order Code	Price Each
LT-1 to LT-K types	All Order Codes	1+
LT-GW	971-108	21.89
LT-CAL	971-133	62.53
		1+
MT-1 to MT-B	All Order Codes	31.68
MT-HX	454-825	33.71
MT-JL	454-837	72.29
MT-GW	454-849	56.47

Soldering Tips for Lead Free



Available LF Soldering Tips (LT Series)

Standard tips have an average iron layer of 200µm depending on the geometrical form. The new Weller LF 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 the geometry of the tip.

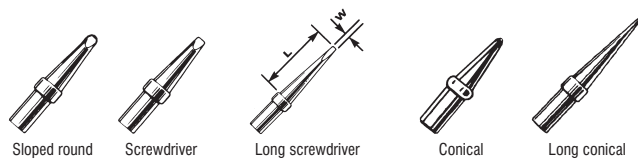
For further enhancement of tip lifetime Stop+Go stands should be used.

Mfrs List No.	Description	Width A	Thickn. B	Order Code
LT ALF	Chisel	1.6	0.7	894-4962
LT BLF	Chisel	2.4	0.8	894-4970
LT CLF	Chisel	3.2	0.8	894-4989
LT DLF	Chisel	4.6	0.8	894-4997
LT LLF	Long Chisel	2.0	1.0	894-5004
LT MLF	Long Chisel	3.2	1.2	894-5012
LT ASLF	Round	1.6	-	894-5020
LT CSLF	Round	3.2	-	894-5039
LT BBLF	Round Spade	2.4	4.0	894-5047
LT CCLF	Round Spade	3.2	6.0	894-5055
LT DDLF	Round Spade	4.6	6.0	894-5063
LT GWLF	Gullwing	2.3	3.2	894-5071
LT KNLF	Knife	6.3	-	894-5080

394432/436436

Mfrs List No.	Order Code	1+	5+	10+
LT ALF	894-4962	62.81	58.49	54.74
LT BLF	894-4970	62.71	58.39	54.65
LT CLF	894-4989	62.69	58.37	54.63
LT DLF	894-4997	62.73	58.41	54.67
LT LLF	894-5004	62.81	58.49	54.74
LT MLF	894-5012	62.73	58.41	54.67
LT ASLF	894-5020	62.75	58.43	54.68
LT CSLF	894-5039	62.73	58.41	54.67
LT BBLF	894-5047	65.28	60.96	58.50
LT CCLF	894-5055	65.28	60.96	58.50
LT DDLF	894-5063	65.22	60.90	58.10
LT GWLF	894-5071	98.74	92.19	89.64
LT KNLF	894-5080	65.22	60.90	58.10

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



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

*fitted as standard

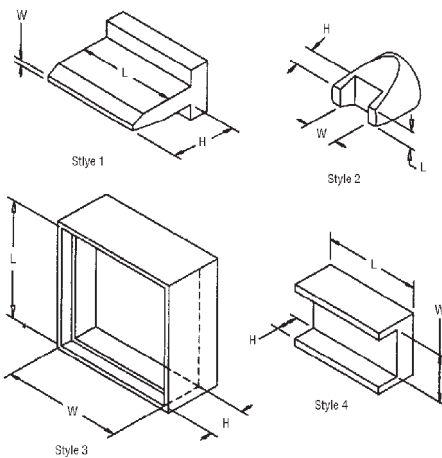
222207

Order Code	Price Each
ET-F	903-917 7.11
ET-CC	416-745 7.21
ET-H	416-757 7.16
ET-A	416-769 5.39
ET-B	416-770 7.16
ET-C	416-782 7.21
ET-D	416-794 7.44
ET-E	903-899 7.16
ET-K	416-800 7.21
ET-L	416-812 7.16
ET-M	903-905 7.21
ET-P	416-824 9.36
ET-O	416-836 9.36
ET-S	416-848 9.36

Desolder Tips for MT1500



SMD



- Sprung loaded for removal of surface mount package after desoldering
- Tips available for removal of PLCC, SOIC, SIP surface mount packages

SOL203/212549

Length	Width	Height	Power (watts)	Mfrs. List No.	Order Code	Price Each
PLCC						
24.5	24.5	6	120W	MT1208F	765-879	359.86
13.7	8.5	3.8	120W	MT1212	765-880	185.41
10.4	10.4	3.8	120W	MT1202	765-892	161.66
15.2	12.7	3.6	120W	MT1204	765-909	161.66
SOIC						
4.6	5.1	2.3	60W	MT621	765-910	150.25
15.7	9.5	3.2	120W	MT1211	765-934	155.14
SIP						
10.4	0.6	7	60W	MT617	765-946	225.25
15.7	0.6	7.1	120W	MT1206	765-960	161.66

Soldering Tips for MT1500



212550

Width	Length	Power (watts)	Mfrs. List No.	Order Code	Price Each
Conical					
0.8	25	10W	MT202	765-740	77.63
0.6	15.3	60W	MT609	765-752	112.39
Chisel					
0.1	25.4	10W	MT212	765-776	103.03
0.3	25.4	10W	MT211	765-788	89.96
1.8	9.8	60W	MT601	765-790	112.39
2	5	30W	MT301	765-806	99.91
2.5	9.9	60W	MT602	765-818	112.39
5	15.3	60W	MT610	765-820	112.39
Conical Bent					
0.5	15.3	60W	MT603	765-831	112.39
Bevel					
0.5	14.7	60W	MT607	765-843	112.39
0.8	14.2	60W	MT616	855-315	106.43

Weller Desolder Stations



WMD 1D



- Can drive all Temtronic tools
- 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/desolder ± 2% max
- Temperature accuracy hot air ±30°C

A micro processor controlled single output rework station with digital display of temperature for the repair/rework of printed circuit boards with through hole components.

Contents:

WMD 1S Control Station	412-2422
DSX 80 Desoldering Pencil	835-870
AK 20 Bench Support	

212600

Mfrs. List No.	Order Code	1+	2+	5+	Price Each
0053332399	312-8702	2,166.60	2,157.60	--	
0053332699 (Euro)	838-949	1,978.38	1,780.53	1,718.91	

Desoldering Station - WDD 81V



42



- 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 from the "Temtronic" range
- Additional features can be programmed into the station by the WCB1 and WCB2 calibration boxes
- Can drive all Temtronic tools compatible with the rating of the station

- Temperature accuracy ±2% of max.
- Temperature range 50° to 450°C

Contents:

WDD 81 V Control Station		Clean Out Tool	419-140
DSX 80 Desoldering Pencil	412-2422	Nozzle DX 112	412-2466
AK 20 Bench Support	835-870	Nozzle DX 113	412-2458
		1.5m x 6mm Air Hose	

212628

Order Code	1+	Price Each	+
0053256399	322-4703	1,255.50	--

Compliant Non-compliant Limited stock - RoHS replacement available

RoHS

WDD 161V 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 'Temtronic' range.

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 ± 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. WSP 80 soldering iron
4. 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	1,687.98

DSX 80 Desoldering Set



- Ergonomic design for ease of operation.
- Rated at 80W
- ESD safe
- Uses DX series nozzles

Contents:

- | | | | |
|----------------------|----------|--------------|----------|
| DSX desoldering iron | 412-2422 | Gasket Set | |
| AK 20 Bench Support | 835-870 | DX112 Nozzle | 412-2446 |
| Cleaning Tool | 412-2434 | DX113 Nozzle | 412-2458 |

241338

Mfrs List No.	Order Code	Price Each
DSX80 Desoldering Set	0053313899	477.30
DSX80 Desoldering Iron	0051319099	365.16
Clean Out Tool DSX80	0058706794	26.27
Nozzle DX112	0051314200	13.74
Nozzle DX113	0051314300	13.74
Desoldering head DSX80	0051313099	265.32

- FREE to all account holders
- Notification of obsolete, end of line and end of stock items
- Replacement or upgrade recommendations

Advanced warning of obsolete components

Weller Re-Work Stations



WMD 1A Rework Station



A micro processor controlled single output rework station with digital display of temperature for the repair/rework of printed circuit boards with surface mounted components.

- Can drive all Temtronic tools for hot air pencil
- Automatic tool recognition
- ESD safe
- Digital display of set, read and actual temperatures
- Integral pump to provide vacuum, also
- Temperature range for solder/desoldering tools 50°C to 450°C
- Temperature range for hot air 50 - 550°C
- Temperature accuracy solder/de-solder ±2% max.
- Temp accuracy hot air ±30°C

Contents:

- | | |
|------------------------|---------|
| WMD 1S Control Station | |
| HAP 1 Hot Air Pencil | 501-372 |
| KH 27 Bench Support | 855-250 |

212634

Mfrs. List No.	Order Code	1+	2+	5+
WMD 1A (UK)	WMD1A (UK)	321-2350	2,166.60	2,115.70
WMD1 (Euro)	WMD1A EURO	873-846	2,430.54	2,187.48

Accessories for use with WMA1 WMD1A WMD1D and WMD3



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

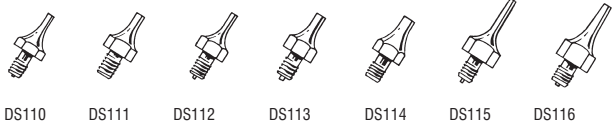
- LR21** A 50 watt, temperature controlled soldering iron. Use the ET series tips.
- DS80A** An 80 watt, desoldering iron. Uses the DS100 series nozzles
- DSV80** In line desoldering iron offering a shorter tip to grip length. Uses DS100 series nozzles.
- HAP10** Is a 100 watt, hot gas pencil with finger control air switch.
- WHOP50** Is an 50 watt, electronically controlled hot plate
- WSP80** Is an 80 watt (High Power) soldering gun.
- WTA50** 50 watt Thermal Tweezer
- LR82** 80 watt Heavy duty iron (24V) HTSeries tips

Mfrs. List No.	Order Code	1+	5+	10+
LR21 ESD	125-6925	176.72	176.47	--
WSP80	125-6930	227.85	--	--
DSX80 (UNC)	559-611	335.13	--	--
DSXV80	559-593	436.95	398.37	--
DS80 (Euro)	838-974	353.12	--	--
WTA50	125-6929	264.93	238.44	--
HAP1 + HK20	873-883	492.99	427.47	--
DSX80 (Euro) + AK20	873-871	404.91	382.08	370.95

212599

Bench Holders			Price Each
Mfrs. List No.	For use with	Order Code	1+
KH20	LR21, HAP1	454-734	30.08
KH27	LR82	855-250	33.81
AK20	DS80A	835-870	70.86
AKV	DSV80	321-2294	125.37
Nozzles for HAP1			1+ 5+
HAPN-1	1.2mm	765-041	7.13 6.97

Desoldering Iron Nozzles



Suitable for all desoldering stations

ID (mm)	OD (mm)	Length (mm)	Mfrs. List No.
0.63	1.15	19	DS110
0.63	2.29	19	DS111
0.91	1.93	19	DS112
1.14	2.39	19	DS113
1.80	3.17	19	DS114
0.63	1.52	24	DS115
1.14	2.49	25	DS116

Mfrs. List No.	Order Code	1+	5+	+	+
DS110UNC	417-130	22.29	22.27	--	--
DS111UNC	417-142	22.69	--	--	--
DS112UNC	417-154	22.69	--	--	--
DS113UNC	417-166	22.46	--	--	--
DS114UNC	417-178	22.69	--	--	--
DS115UNC	417-180	29.67	--	--	--
DS116UNC	417-191	29.62	--	--	--

DXV 80 In-Line Desoldering Iron

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
- Finger switch operation controls quick start
- 80W rated
- Can be used with all WMD and WDD series rework stations
- Uses DX series easy change threadless tips

Contents: DXV80 Inline Desoldering Iron 80W, 24V with DX113HM nozzle, AKV bench support, solder collection tube, DX112 and DX113 desoldering tips

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

Description	Mfrs. List No.	Order Code	1+	3+	5+	+
DXV 80 Soldering Set	005 13 181 99	999-4041	521.97	501.46	--	--
DXV 80 Soldering Iron	005 13 180 99	999-4050	388.48	373.39	--	--
Replacement Items/Consumables			Price Per Pack			
			1+	5+	10+	
AKV80 Bench Support	005 15 039 98	101-8763	148.40	137.20	127.14	
Solder Collection Tube (Pk 5)	005 87 418 15	101-8764	20.77	20.18	--	

DX Series Desoldering Tips

For use with DXV Desoldering Pencil



TIP IMAGE	TYPE NO.	OD x ID (⌀) x LENGTH (mm)	ORDER CODE	MFRS. LIST NO.
	DX 110	1.9x0.7x23	101-8765	5 13 140 99
	DX 111	2.5x0.7x23	101-8766	5 13 141 99
	DX 112	2.3x1.0x23	412-2446	5 13 142 00
	DX 113	2.5x1.2x23	412-2458	5 13 143 00
	DX 114	3.3x1.8x23	421-1200	5 13 144 00
	DX 115	1.9x0.7x29	421-1236	5 13 145 00
	DX 116	2.7x1.2x29	421-1250	5 13 146 00

Order Code	Price Each
All Order Codes	15.88

Weller Hot Air Stations

Hot Air Station - WAD 101



- Digital process control for accurate temperature set
- Built-in micro processor automatically recognises Weller irons providing optimal settings
- WAD 101 requires a compressed air supply
- Wide range of nozzles available
- Can drive all Temtronic tools compatible with the rating at the station
- Automatic tool recognition

The station comprises: HAP1 hot air pencil, Nut runner P8mm, WAD101 control station, KH27 bench support, 2m x 6mm air hose

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.

Order Code	Price Each
322-4697	1+ 1,326.91 2+ 1,325.25

WMD3 K Hot Air Station



- Independent control of units
- Can drive all Temtronic tools
- Automatic tool recognition
- Digital display of set, read and actual temperatures
- Temperature setting by push button
- Integral pump to provide vacuum, also for hot air pencil
- ESD safe
- Temperature range for solder/desoldering tools 50°C to 450°C
- Temperature range for hot air tools 50°C to 550°C
- Temperature accuracy ±2% of max temperature for solder/desoldering tools and ±30% for hot air tools
- Set back function, time variable 1-99 min
- Timer function for hot air
- Lock out key
- Supply required 230 V 50 Hz

Soldering

42

Compliant
Non-compliant
RoHS
Limited stock - RoHS replacement available



A micro processor controlled 3 output rework station with digital display of temperature for the repair/rework of printed circuit boards with through hole and surface mounted components. The stations flexibility can be increased by the addition of other tools from the "Temtronic" range.

Contents:		WSP 80 Soldering Iron	970-980
WMD 3 Control Station	500-847	WPH Bench Support	971-546
DSX 80 Desoldering Pencil	412-2422	HAP 1 Hot Air Pencil	501-372
AK 20 bench support	835-870	KH 27 Bench Support	855-250

212526

Mfrs. List No.	Order Code	Price Each
WMD3 K 53302370	397-5903	1+ 4,413.63

WHA3000 Hot Air Rework Systems
WHA3000P and WHA3000V



WHA3000P



WHA3000V



WHA3000PS Set - Illustration showing all the items connected together to form a complete system - WHA3000P, Heating Plate (WHP3000) and PCB Holder c/w Stand (WBH3000S)

The range has been expanded to include a Pre heating plate and board/tool holder to create an integrated rework system. A version is also available that can be used with inert gas.

WHA3000P: With an integral air supply and vacuum pick-up at the nozzle. To cater for demanding repair operations

WHA3000V: For use with a compressed air or inert gas supply and vacuum pick-up at the nozzle

WHA3000PS: A set consisting of WHA3000P, WBH3000S and WHP3000 Heating Plate

WHA3000 Digital Hot Gas Rework Stations:

- Either with integrated turbine (WHA3000P) or Shop air/inert gas driven (WHA3000V)
- 700W Hot gas pencil
- Pencil can be hand held or mounted in stand
- ESD Safe
- Full manual or Auto control
- LCD Digital display
- Full process control with 3 stage thermal profiles
- Can be controlled from a PC via RS232 (Software supplied)
- Patented Nozzle design with integrated vacuum
- Can be integrated with Pre heating plate and board holder/stand

WHA3000V requires dry, oil free air or N₂ supply (4-6 bar) Includes "Stop and Go" bench holder

WBH 3000S PCB Holder:

Retains and secures the circuit board under repair and allows positioning of the board in X and Y directions. Boards up to a maximum size of 310x320mm both single and double sided can be accommodated in a perfectly flat condition. The WBH3000S incorporates a pivoting stand to mount a HAP 3000 hot air pencil (pencil supplied with the WHA 3000 Hot Air Station). The

pre-heating plate WHP 3000 (supplied separately) can be fitted under the board holder to provide background heating. Safety cut-off integrated into stand

WBH 3000 PCB Holder:

As per WBH3000S but without the pivoting stand

WHP3000 Digital Pre Heating Plates:

- Available in 600 or 1200 Watt versions
- Totally self contained (no external PSU)
- Can be used as stand alone Preheat solution
- Low profile (Only 70mm high)
- Rapid heating ceramic plates (3 separate plates)
- Non contact safety mesh
- Perfect for "Lead free" rework
- Hi and Low power settings
- Can be integrated with WHA3000 to create complete system

	WHA3000P	WHA3000V
Max. Heat Power	700W	700W
Temperature Range	50°C - 550°C	50°C - 550°C
Control Accuracy	± 25°C	± 25°C
Air Volume	5 - 50 litres/min.	5 - 50 litres/min.
Max. Vacuum	- 0.6 bar	- 0.6 bar
Compressed Air Supply/Inert Gas (N ₂)	Not Applicable	4 - 6 bar
Dimensions (WxLxH)	240x270x170mm	240x270x100mm
Supply Voltage	230V ac 50Hz	230V ac 50Hz
	WBH3000S	WBH3000
Dimensions (HxWxL)	440x320x446mm	100x320x446mm
Maximum PCB Size	310x320mm	310x320mm
	WHP3000 (600W)	WHP3000 (1200W)
Dimensions (BxLxH)	254x395x70mm	254x395x70mm
Heatable Surface	120x190mm	190x245mm
Mains Voltage	230V ac	230V ac
Power	Small Heating Zone: 200W Large Heating Zone: 600W	1200W
Temperature Range	50°C - 400°C	50°C - 400°C

387200

Description	Mfrs. List No.	Order Code	Price Each
Hot Air Station (P) UK	WHA3000P - UK	895-4526	5,528.85
Hot Air Station (V) UK	WHA3000V	855-6164	5,528.85
WHA3000PS Set	WHA3000PS	855-6105	11,629.65
Accessories			
PCB Holder c/w Stand	WBH3000S	855-6121	4,003.65
PCB Holder	WBH3000	855-6156	1,902.69
Heating Plate (600W)	WHP3000 600W	855-6130	2,097.15
Heating Plate (1200W)	WHP3000 1200W	855-6148	2,916.94

Hot Air Station WHA300



- Built-in turbine
- No vacuum function
- Stand-by function
- Supplied with UK mains lead

Temperature range	50°C - 550°C
Air volume	10 to 50 l/min/W
Output	800W

212629

	Order Code	1+	2+	+
UK	322-4673	1,924.19	1,855.35	--
Euro	873-676	1,886.46	1,860.56	--

In stock and ready to despatch, 300,000 products in our Asia, US and Europe warehouses.

300,000 products at your fingertips

Nozzles for Hot Air Station WHA3000/WHA300/WHA200 



Mftrs.	Dimensions
NR 5	Round 4
NR 10	Round 7
ND 5	10,0 8,0
ND 10	14,0 10,0
ND 15	19,0 12,0
ND 20	21,5 14,0
NQ 05	11,0 11,0
NQ 10	14,3 14,3
NQ 15	14,5 10,0
NQ 20	15,5 13,0
NQ 25	18,0 18,0
NQ 30	17,5 23,5
NQ 35	20,5 20,5
NQ 40	26,0 26,0
NQ 45	32,0 32,0

Dimensions in mm

212592

Mftrs. List No.	Order Code	Price Each		
		1+	5+	10+
NR 05	873-688	160.04	151.50	142.62
NR 10	873-690	160.04	151.50	142.62
ND 05	873-706	197.76	--	--
ND 10	873-718	199.81	--	--
ND 15	873-720	160.04	151.50	142.62
ND 20	873-731	160.04	151.50	142.62
NQ 5	873-743	177.86	--	--
NQ 10	873-755	160.04	151.50	142.62
NQ 15	873-767	160.04	151.50	142.62
NQ 20	873-779	160.04	151.50	142.62
NQ 25	873-780	160.04	151.50	142.62
NQ 30	873-792	160.04	151.50	142.62
NQ 35	873-809	160.04	151.50	142.62
NQ 40	873-810	160.04	151.50	142.62
NQ 45	873-822	201.72	190.89	179.76
Changing Tool	873-834	107.69	--	--

Weller Spares & Accessories

Spares for Soldering Irons and Stations



	For use with	Mftrs. List No.	Order Code	Price Each	
Barrel assemblies	TCP, TCP2, TCP3, TCP3Z, TCP-Z, EC2000D/E, WEC24	0051031199	417-312	10.04	
	EC4000D/E	MBAH	417-336	11.11	
		0051617799	252-621	34.08	
Ceramic burner	WSTA4	0051617799	252-621	34.08	
Connector assembly	All TCP and W irons	0058716763	417-350	13.95	
Cord clamp screws	All TCP irons, WP60D/E,				
Flange insulator	TCP, TCP-3M, TCP-12V, W60D, W60E, W100D, W100E	0058716791	417-385	4.32	
Fuse Holder	PS-2D/FE, PS-2E/FE,				
Handles	TCP, W60D	0058716782	417-427	6.09	
Heating elements	TCP, TCP-3M, EC1201A	HE1 *	417-440	39.66	
	TCP-12V	HE112V	417-452	40.69	
	W60D	0056120699	417-476	42.78	
	W100D	HEW100D	417-490	55.75	
	WP200D, W200D, W201D	0056122699	417-520	78.82	
	WP200E, W200E, W201E	0056112099	417-531	114.20	
	Switch assemblies	All TCP irons + W60	0051020199	417-683	44.07
		WP200D/E, W200D/E,			
		W201D/E	0051130299	417-701	54.40
		WP60D/E	SW4	417-713	49.48
	W100D/E	0051130199	417-725	52.96	
Switch spring	All TCP and WP irons	0051162299	417-749	5.77	
Tag board sensor	TCP2, TCP3, TCP2-12, EC2000D/E	0052641099	417-774	52.92	
Tipnuts	WP60D/E, W60D/E	0051134299	417-798	10.74	
	WP100D/E, W100D/E	0051134399	417-804	10.59	
	WP200D/E, W200D/E,				
	W201D/E	0051134499	417-816	11.12	

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

Spares for Desoldering Irons/Stations



	For use with	Mftrs. List No.	Order Code	Price Per Pack
Clean out tools				
Set of 5	All desoldering stations	0051350099	419-140	32.85
Desoldering bulb	DS-TCP, DS-WP60	DSB	419-096	17.95
Desoldering head set	DS900 & D/E, DS900P & D/E	0151310299	417-889	117.18
Filters	DS80A	DS124	904-030	238.64
Cartridge	DS701D/E, DS801 & D/E,			
	DS811 & D/E	0058711718	417-919	9.21
	DS58, 5088AS	4083	971-583	10.22
Mineral wool (x 10)	All desoldering stations	51360499	458-314	10.03
Foam sleeve	TCP, TCP3M, EC1201A, W60 + W100	511017	971-571	1.53
Footswitch	DS700D/E, DS800D/E, DS811 & D/E (ESD), DS802D/E, DS900 & D/E, DS900P & D/E	0051312099	417-944	120.95
Gaskets (x 10)	DS3105	0051360399	334-6006	18.33
Glass tube	DS900 & D/E, DS900P & D/E, DS700D/E, DS701D/E, DS800D/E, DS801 & D/E, DS802D/E, DS811 & D/E (ESD)			
Heating elements	DS700D/E, DS800D/E, DS900 & D/E, DS900P & D/E, DS802D/E, DS701D/E	0051360599	417-993	8.02
Pump	DS900P	HE1	417-440	39.66
Sponge	DS900P	5111560	905-940	923.35
Switch assemblies/	All desoldering stations	52241999	800-636	21.18
Temperature sensors	DS900 & D/E, DS900P & D/E	SW1	417-683	44.07
	DS700D/E, DS800D/E, DS701D/E, DS801 & D/E, DS802D/E			
Vacuum tube (1.75m)	All desoldering stations	SW5	417-774	52.92
		VT1	418-018	18.03

Replacement Soldering Irons



	For use with	Mftrs. List No.	Order Code	Price Each
Soldering iron	EC2100A, EC2100AESP,			
Soldering iron	DEC1001, PS1000, EC2000	LR21ESD	125-6925	176.72
Fume extraction iron	EC2100AFE	FE50	125-6926	221.85
Desoldering iron	DS900 & D/E, DS900P & D/E	DS3102	418-171	223.62

Metcal Soldering/De-Soldering Stations

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

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	Mftrs. List No.	Order Code	Price Each
Soldering Station	SP200-21	495-0379	745.40
Replacement Accessories			
ESD Solder Handle W/CP2	SP-HC1	495-0460	148.43
Workstand with Sponge	SP-WSK1	495-0471	104.02
Sponge	AC-YS3	495-0483	1.95

Soldering

42

Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available



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	●	●	●
MX-WS4	Workstand with Sponge	●	●	●
AC-YS3	Sponge	●	●	x 2
AC-CP2	Cartridge Removal Pad	●	●	x 2
MX-TALON	Talon Hand Piece & Cord		●	
MX-WS5	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 PAGE 1677 (Start of Section)

339323

Mftrs. List No.	Description	Order Code	Price Each
MX-500S-21	Solder/Rework Station	495-0343	1,070.73
MX-500TS-21	Solder/Rework Station	495-0355	1,890.54
MX-500DS-21	Solder/Rework Station	495-0367	2,067.02
Replacement Accessories			
MX-RM3E	Hand Piece & Cord	495-0380	210.27
MX-WS4	Workstand with Sponge	495-0446	122.57
AC-YS3	Sponge	495-0483	1.95
MX-TALON	Talon Hand Piece & Cord	495-0392	667.28
MX-WS5	DS1/Talon Workstand with Sponge	495-0458	122.57
MX-DS1	Desoldering Hand Piece	495-0409	690.06
MX-RM8E	Desoldering Cord	495-0410	236.31
MX-DCFI	Chamber Liner & Filter Pack	495-0434	35.01
AC-TC	Desoldering Tip Cleaner	495-0422	17.64

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
	0.4x19.0	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 Mftrs. 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	37.34
Drag Soldering Tip (Mini Hoof) 600°F	495-1347	60.87
Drag Soldering Tip (Mini Hoof) 700°F	495-1244	60.87



In stock and ready to despatch, 300,000 products in our Asia, US and Europe warehouses.

300,000 products at your fingertips

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		0.4x16.0	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 PLCs
- 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	54.36

Pace Solder and De-Soldering Stations

Temperature Controlled Soldering Station
ST25-PS90



- Analogue system
- High capacity SMT/thru-hole soldering
- Adjustable °C/°F display dial
- Temperature/Dial lock

Power requirements 230VAC, 50HZ, 80W, 0.5A
Dimensions mm 104 x 130 x 152mm
Weight 2.3Kg

- Rugged, highly durable metal housing
- Bench mounting bracket
- PermaGround System - To ensure permanent tip to ground

Temp. stability ±1.1°C (±2°F) @ Idle tip temp
Temp. range 204°C - 454°C (400°F - 850°F)

388648.410650

Mfrs. List No.	Order Code	1+	5+	10+
8007-0446	659-7889	276.68	263.65	250.64

ST75E - De-Soldering Station



- Self contained de-soldering station
- SX 80 de-soldering handpiece
- Static safe
- Requires no calibration
- Auto snap-vac increases heater/tip life
- Quiet vacuum pump
- Wide range of tips available
- Accepts any pace sensa temp hand-piece (not included)
- SMT/Thru-hole re-work when additional handpieces specified

Specifications:

Operates on 197-253Vac, 50Hz Temp. Range 204°C to 482°C
80 Watts max. at 230Vac, 50Hz Temp. Stability ±1.1°C at idle from set tip temp

212601

	Order Code	1+	5+	10+
ST75	312-0016	1,481.04	1,420.77	1,353.15
ST75 System	412-2896	1,112.01	1,067.52	1,023.03
ST75 Station Only	412-2902	759.99	729.60	699.21

ST115E SX - Desoldering Station



- Digital Sensa Temp Desoldering station complete with SX-80 handpiece and stand
- Static safe
- Low profile alu extruded case with modular stacking capabilities
- Quiet vacuum pump
- Digital LED temp readout
- Colour coded temp control keys
- Auto-Off safety system
- Temperature setback
- Auto Snap-Vac increases heater/tip life
- Wide range of tips available

88 x 171 x 254mm

Power Supply 230V ac, 50Hz Temp Range 204°C to 482°C
Power Output 80W max Tip to ground resistance 2 ohm max.
Weight 4kg

230518

Mfrs. List No.	Order Code	1+	5+	10+
8007-0334	330-7487	1,802.34	1,714.95	1,643.31
8007-0334-AU	412-2914	1,147.35	1,147.35	1,147.35

Pace Handpieces

PS90 Handpiece with Stand



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

234778

	Order Code	1+	5+	10+
PS90	392-4830	205.65	192.60	192.42
Heater assembly	125-7075	118.14	115.92	104.76

Soldering

42

Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available



Pace Soldering/De-Soldering Tips

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

TT65 Surface Mount Removal Tips



SURFACE MOUNT CHIP COMPONENT REMOVAL TIPS	TIP DESCRIPTION	TIP SIZE	MFTRS. LIST NO.	ORDER CODE
	Chip Component (Vertical)	A = 0.08* (A = 2mm)	1121-0313-P1	312-0510
	1/64" Angled Fine Point Conical Chip Component	A = 0.017" (A = 0.43mm)	1121-0517-P1	312-0521
	SOIC, SOJ/SIMMS Component	A = 0.7* (A = 17.8mm)	1121-0416-P1	312-0533

Soldering

42

SURFACE MOUNT REMOVAL TIP	DESCRIPTION (suggested application)	TIP SIZE A X B	MFTRS. 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

PLCC REMOVAL TIPS	DESCRIPTION (suggested application)	TIP SIZE A x B	MFTRS. LIST NO.	ORDER CODE
	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	Order Code	1+	5+	10+
	312-0510	128.21	123.00	116.90
	312-0521	51.71	49.62	47.15
	312-0533	140.45	134.76	128.06
	312-0545	128.83	123.60	117.74
	312-0557	139.23	133.59	126.95
	312-0569	139.23	133.59	126.95

Order Code	1+	5+	10+
312-0752	60.22	57.78	54.96
312-0764	60.22	57.78	54.96
312-0776	60.22	57.78	55.86
312-0788	60.22	57.78	54.96
312-0790	60.22	57.78	54.96
312-0806	60.22	57.78	54.96
312-0740	79.25	76.05	72.26
312-0727	79.25	76.05	72.26

Pack Quantity=1	Order Code	1+	5+	10+
	312-0855	34.88	33.45	31.81
	312-0818	73.75	70.77	67.24

SX-80 De-Soldering Tool



- Compatible with ST75X
- Rugged and durable construction
- Ease of maintenance
- Efficient heat delivery
- Platinum temperature sensor
- Disposable flux/solder trap holder
- Plug-in heater module
- Uses the wide selection of Endura tips

230520

Pace Soldering Spares



Spares For Soldering Irons and Stations

Description	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
Heater Elements					
SX-70 Desolder Tool	60100080-P1	312-0090	189.30	--	--
TP-65	60100081-P1	312-0314	217.84	209.01	198.09
TJ-70	60100084-P1	312-0326	258.69	--	--
TT-65 With Sensor	60100082-P1	312-0107	188.86	181.17	171.86
TT-65 without sensor	60100083-P1	312-0119	128.61	123.42	114.96
Tip and Tool Stand					
SX-70	60190044-P1	312-0363	103.48	98.56	97.84
TT-65	60190046-P1	312-0375	103.48	98.56	96.77
TP-65	60190044-P1	312-0363	103.48	98.56	97.84
TJ-70	60190044-P1	312-0363	103.48	98.56	97.84
Replacement Sponges (3)	40210008-03	312-0405	25.09	24.06	22.88
SX-70 Handpiece					
Glass Chamber	1265-0009-P1	312-0442	18.18	17.44	--

212606

Description	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
Glass Chamber Filter (10)	1309-0018-P10	312-0466	8.50	8.10	7.71
ST75 Station					
Visifilter Element(10)	1309-0027-P10	312-0454	23.01	21.91	20.93
HW 100/TW 100					
TC100 Handpiece Cord Assy	3008-0131-P1	413-2324	122.40	119.61	113.61
Tip Case	1310-0034-P1	413-2300	170.84	--	--
Tip Cartridge Stand	1321-0639-P1	413-2312	107.10	104.67	99.42
General					
3/16" Wire Brush	1127-0014-P5	312-0429	39.29	37.40	35.71

Ersa Soldering/Desoldering Stations

Soldering Station SMT Unit 60A



- Soldering and desoldering station
 - Suitable for soldering, SMD soldering, Desoldering and Repair
 - Electronic temperature control
 - LED operation indicator
- Station contains supply unit, soldering iron micro tool with tip 212BD, thermal tweezer pincette 40 with two tips 422ED and 2 supports

Technical data supply unit

Power Supply: 230V ac @ 50/60Hz
 Output: 60W
 Temperature Range: 150°C to 400°C (continuous)

Technical data soldering iron micro tool

Supply: 24V ac
 Weight: 25g
 Heat up time: 50s
 Length Connection lead: 1.2m high flexible

Technical data thermal tweezer pincette 40

Supply: 24V ac
 Weight: 75g
 Heat up time: 60s
 Length Connection lead: 1.2m high flexible

Mftrs. List No.	Order Code	Price Each
Station SMD UNIT 60A	875-338	1,174.21

Rework Station 80



- Multifunctional, electronic controlled soldering and desoldering station
- All round station for repair work on SMD
- Integrated vacuum plaser
- Integrated vacuum pump
- Precise metering of hot-air stream
- All four SMD tools can be used at the same time and controlled independently
- Supplied with UK style and European Schuko power cord

Station contains control unit for soldering iron and desoldering tweezers, control unit for hot air soldering and desoldering iron, soldering iron micro tool CTA20 with tip MicroWell for installing FinePitch components, desoldering tweezers TC40, vacuum plaser VAC-Pen, hot-air iron HSP80, foot switch FES820, 3 supports A29 and one support A30.

Technical data control unit

Power Supply: 230Vac @ 50/60Hz
 Output: 240W
 Air Volume: max. 7 l/m

Safety transformer and vacuum compressor are integrated

Temperature Range SMD soldering iron: 180°C to 450°C(continuous)
 Temperature Range Hot Air/Desoldering iron: 150°C to 450°C(continuous)

Technical data soldering iron micro tool CTA20

Supply: 24V ac
 Weight: 25g
 Heat up time: 50s
 Length connection lead: 1.2 high flexible

Technical Data Desoldering tweezers TC40

Supply: 24V ac
 Weight: 75g
 Heat up time: 50s
 Length connection lead: 1.2 high flexible

Technical data hot air iron HSP80

Supply: 24V ac
 Heat up time: 50s

Mftrs. List No.	Order Code	Price Each
REWORK 80	304-9371	3,710.10

Antex Soldering Irons & Power Supplies

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 282-728

222213

Voltage	Cable	Plug Type	Mftrs. List No.	Order Code	Price Each	
					1+	5+
230V ac	PVC	UK	M230	629-078	43.02	39.33
230V ac	PVC	EURO	M230E	629-080	41.46	37.89
230V ac	PVC	UK	C230	629-091	41.52	38.07
230V ac	PVC	EURO	C230E	629-108	40.18	36.72
24V ac	PVC	-	CS18-24V	610-185	49.63	45.36
24V ac	Silicone	-	CS18S-24V	610-197	60.22	54.99
230V ac	PVC	UK	CS-18 230V	610-161	42.90	38.97
230V ac	PVC	EURO	CS18-230VE	629-054	42.23	38.55
230V ac	Silicone	UK	CS18S-230V	610-173	49.39	44.67
230V ac	Silicone	EURO	CS18SE	629-110	51.57	47.34
24V ac	PVC	-	XS25-24V	610-227	53.58	50.31
115V ac	PVC	UK	XS25-115V	610-215	41.34	37.77
230V ac	PVC	UK	XS25-230V	610-203	44.25	40.38
230V ac	PVC	EURO	XS25-230VE	629-066	42.47	38.82

25W, 24V ac

Plug-In



- 24V ac at a maximum power rating of 25W
 - Plugs directly into 13A socket
 - Low voltage to provide additional operator safety in applications where bench space is limited
 - Suitable for use with CS and XS (Antex) irons or any other 24V ac, 25W soldering iron fitted with a 3 pin plug
- H=85, W=68, D=55

Input Voltage	240Vac	Power Output	25W
Output Voltage	24Vac		

222210

Order Code	Price Each		
	1+	5+	10+
120-4730	95.32	87.03	80.70

Variable Temperature Soldering Iron

Models A545, TCS



- 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 arcing and transients
 - 24V version fitted with mini 3 pin plug for connection to Antex 650PS power supply
 - 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
 Temperature Range 200°C to 450°C
 Warm up time 60s to 350 °C
 Control Accuracy ±1%
 Leakage Current <5µA

Mfrs. List No. A545-24 = 252-580, TCS240=418-304

222226

Voltage	Plug Type	Colour	Order Code	Price Each		
				1+	5+	10+
24V ac	—	Grey	252-580	155.11	141.69	132.54
230V ac	UK	Yellow	629-121	131.12	119.79	112.05
230V ac	Euro	Yellow	629-133	129.71	118.53	110.88

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

212529

	Plug Type	Mfrs. List No.	Order Code	Price Each	
				1+	5+
15W Euro Soldering Kit with C230 iron	Euro	SK2E	629-170	57.10	52.14
17W UK Soldering Kit with CS18-230 iron	UK	SK5	629-182	59.21	54.09
17W Euro Soldering Kit with CS18-230 iron	Euro	SK5E	629-194	57.65	52.68
25W UK Soldering Kit with XS25-230 iron	UK	SK6	629-200	59.98	54.81
25W EURO Soldering Kit with XS25-230 iron	Euro	SK6E	629-212	58.38	53.34

Antex Soldering Iron 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 mm	Iron type	Approved compatibility										Mfrs. List No.	Order Code		
			G	C	X	C	X	T	X	A	M	S			T	C
	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	Price Each		
	1+	10+	+
All Order Codes	6.96	6.60	--

Surface Mount Kit



- 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	SO8	Small Outline IC SO14/16	D-PAK

212505

Mfrs. List No.	Order Code	1+	Price Each	10+	20+
DKIT-12	108-520	158.14	144.54	143.78	

Antex Soldering Stations

660 TC Soldering Station



- 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

Mfrs. List No.	Plug Type	Order Code	1+	5+	10+
Stations					
660-TC	UK	120-4734	345.54	310.95	288.27
660-TCE	Euro	120-4738	338.71	309.48	286.92
TC25 25W	—	629-017	78.89	74.01	69.21
TC 50 50W	—	629-005	78.89	74.01	69.21

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+	5+	10+
Stations					
690-SD	UK	120-4733 ●	485.38	450.87	421.86
690-SDE	EURO	120-4736 ●	514.66	470.25	435.93
Replacement Iron					
SD50 50 watt	-	628-992	114.41	103.74	94.26

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

Mfrs. List No.	Order Code	1+	5+	10+
Soldering Irons				
Rework Station	UD82D70	120-4732 ●	739.27	665.34
			628.38	

Spares for Antex Equipment



ST6 and ST4



- 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	12.67	12.18	11.58
ST6	610-150	17.90	16.38	15.27
Replacement Sponge	418-353	1.93	1.80	1.71

Spares



212487

For use with	Mfrs. List No.	Order Code	1+	5+
Elements	A245	A245E	108-482	78.21
	C250	C250E	120-4740 ●	20.13
	CS24	CS24E	418-419	18.78
	CS240	CS240E	418-420	16.55
	CSTC	CSTCE	418-432	58.48
	TCS240	TCS240E	120-4741 ●	63.83
	XS24	XS24E	418-470	21.45
	XS115	XS115E	418-481	20.75
	XS240	XS240E	120-4742 ●	19.46
	XSTC	TC 50E	418-500	60.77
Handles	C250	127	418-535	4.10
Sponges	ST4, ST5, ST6, TCSU-1	1144	418-353	1.93

Pro's Kit® - Soldering Irons

Soldering Stations

Temperature Controlled 220V/240V



- Slanted front panel for easier viewing
- Temperature adjustable between 250°C - 480°C
- Quick start circuit that enable heating up quickly to desired values
- LED indicator
- Supplied with European plug
- Not for use in Hong Kong

Technical Data Supply Unit:

Power Supply:	220Vac/240Vac
Power Consumption:	50W
Temperature Range:	250°C to 480°C, 470°F to 900°F
Insulation Resistance:	100MΩ
Warm up Time:	30secs to 250°C
Size of Station	L:175mm, W:103mm, H90mm
Length Connection Lead:	1.15m

For replacement tips, see below

236505

Mfrs. List No.	Order Code	Price Each
6PK-976B	397-1065	1+ 85.90

Soldering Irons

Quick Heat Ceramic Iron 20W/200W



- A high quality long lasting ceramic type heater
- Iron plated tip
- Features a fast-heating button for thermal recovery
- Supplied with European plug

Supply:	220V/240V
Output:	20W/200W
Temp. range:	340°C-380°C
Warm-up time:	90s to 280°C-340°C (Without Using the fast heating button)
	30s to 280°C-340°C (Using the fast heating button)

236503

Mfrs. List No.	Order Code	Price Each
Soldering iron	1PK-SC109B-2	397-1041
		1+ 14.99
5 Per Pack		Price Per Pack
Replacement tips		1+
Standard tip	9SC116-B-F	397-3177
Special sharp tip	9SC-116-SB-F	397-3189
		12.90
		15.00

Soldering

42

Compliant
Non-compliant
Limited stock - RoHS replacement available

RoHS



Weller Portable 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

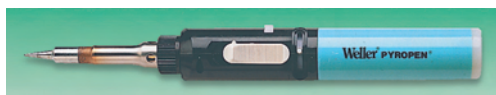
241274

	Mftrs. List No.	Order Code	Price Each
WP60K Kit	0051608799	476-9521	122.06
Tips			1+
1.0mm Tapered	0051644399	412-2318	20.93
2.4mm Chisel	0051644499	412-2320	20.88
2.0mm Spade	0051644599	412-2331	20.93
5.0mm Chisel	0051644699	412-2343	20.93
Hot Blow Nozzles			
4.7mm Dia.	0051644799	412-2355	20.01

*Fitted as standard

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

	Mftrs. List No.	Order Code	1+	3+	6+	12+
Pyropen Junior	WSTA6	559-799	138.10	131.19	123.48	112.77
Tips						
1.0mm Needle*	WPT01	559-805	21.06	18.93	17.91	17.70
2.4mm Chisel	WPT02	559-817	27.99	--	--	--
2.0mm Spade	WPT03	559-829	21.06	18.93	17.91	17.70
5.0mm Spade	WPT04	559-830	24.20	--	--	--
Hot Blow Nozzles						
1.5mm Dia.	WPT0150	559-842	28.38	27.85	--	--
4.7mm Dia.	WPT0152	559-854	23.55	21.21	20.69	--

*Fitted as standard

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

	Mftrs. List No.	Order Code	1+	5+	10+
Pyropen Kit	0051605999	434-3554	234.18	218.94	205.77

Portasol Portable Gas Soldering Irons

Gas Soldering Iron - 'Portasol'



148-636 L=175, Dia=19



148-710
Tip width = 1.0mm



148-639
Tip width = 4.8mm



148-638
Tip width = 3.2mm



148-637
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
- 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 200-001

222227

	Order Code	1+	5+	20+
Portasol iron	148-636	57.51	54.06	51.75
Replacement 1.0mm tip	148-710	18.39	15.66	14.14
Replacement 2.4mm tip*	148-637	16.43	14.82	14.14
Replacement 3.2mm tip	148-638	16.43	14.82	14.14
Replacement 4.8mm tip	148-639	15.96	14.40	14.14

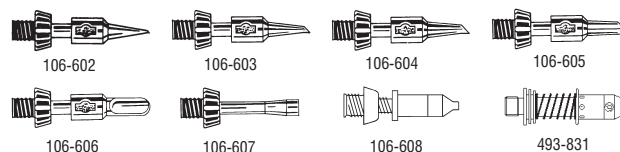
*fitted as standard



Gas Soldering Iron - 'Portasol Professional Kit'



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 converter for flame free general purpose soldering

Hot knife tip

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

Blow torch tip

- Up to 1300°C operating temperature
- For light brazing, heavy soldering and plastic working

Hot blow tip

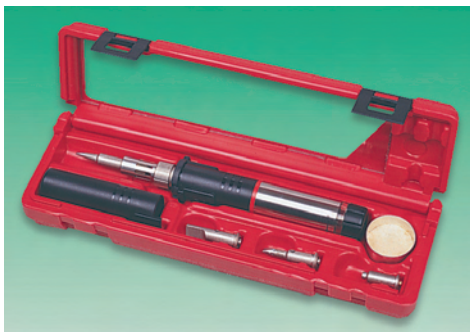
- Up to 400°C operating temperature
- Suitable for heat shrinking, defrosting and rapid drying over small areas
- Not supplied in kit

FOR SUITABLE GAS SEE ORDER CODE 200-001

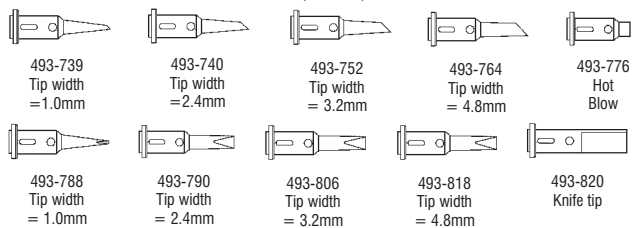
Note: Professional tips are not interchangeable with other models.

	Order Code	Price Each	
		1+	5+
Portasol professional kit	106-601	115.26	106.38
Replacement tips			
1.0mm	106-602	19.71	16.77
2.4mm ▼	106-603	19.71	16.77
3.2mm	106-604	19.31	16.46
4.8mm ▼	106-605	19.31	16.46
Hot knife ▼	106-606	17.55	16.46
Blow torch ▼	106-607	15.02	13.02
Hot blow	106-608	15.02	13.02
▼ Supplied with kit			

Gas Soldering Iron 'SuperPro'



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 200-001

231492

	Order Code	Price Each		
		1+	5+	20+
SuperPro Kit	493-715	163.74	155.55	145.95
SuperPro Iron	493-727	105.84	100.56	94.35
Replacement Tips				
Chisel 1.0mm tip	493-739	23.62	22.20	20.82
Chisel 2.4mm tip	493-740	23.62	22.20	20.82
Chisel 3.2mm tip	493-752	23.62	22.20	20.82
Chisel 4.8mm tip	493-764	23.62	22.20	20.82
Hot Blow tip ▼	493-776	23.62	22.20	20.82
Screwdriver 1.0mm tip	493-788	23.62	22.20	20.82
Screwdriver 2.4mm tip ▼*	493-790	23.62	22.20	20.82
Screwdriver 3.2mm tip	493-806	23.62	22.20	20.82
Screwdriver 4.8mm tip ▼	493-818	23.62	22.20	20.82
Knife tip ▼	493-820	23.62	22.20	20.82
▼ Supplied with kit				
* Fitted as standard				

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

Antex Portable Gas Soldering Irons

Gascat 75P Gas Soldering Iron



- 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	Price Each		
			1+	10+	50+
Iron	XG07520	430-7185	92.22	88.41	83.58
Iron Kit	XG075KT	430-7197	140.01	132.78	125.10

Vulkan Portable Gas Soldering Irons

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	Price Each		
			1+	5+	10+
Iron	P100	350-6411	58.50	52.65	49.74
Iron Kit	P100KX	350-6447	134.85	121.38	114.63
Replacement Tips					
Fine Point	VT-0	350-6435	17.44	15.54	14.70
1.0mm Chisel	VT-1	352-9320	17.44	15.54	14.70
2.4mm Chisel	VT-2	352-9332	17.44	15.54	14.70
4.8mm Chisel	VT-3	352-9344	17.44	15.54	14.70
Hot Knife	VT-4	352-9356	17.44	15.54	14.70
Blow Torch	VT-5	352-9368	17.44	15.54	14.70
Hot Air	VT-6	352-9370	17.44	15.54	14.70

Weller Portable Ni-Cd Powered Iron

Battery Soldering Iron - WC100



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

	Mfrs. List No.	Order Code
Soldering iron inc. batteries, charger & all 3 tips	WC100	418-973
Replacement rechargeable batteries (two required)	GP200SCKHB	605-487

222214

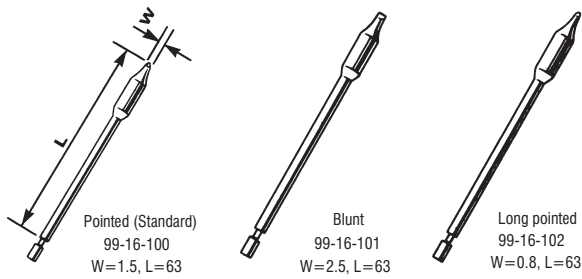
	Order Code	Price Each				
		1+	+	+	+	+
Soldering Iron	418-973	202.28	--	--	--	--
Battery	605-487	8.75	10+	20+	100+	+
			8.35	7.93	6.50	--

Soldering

42

Compliant
Non-compliant
+ Limited stock - RoHS replacement available
RoHS

WC100 Iron Tips



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+	+	+	+
9916100	418-985	29.06	--	--	--
9916101	418-997	29.06	--	--	--
9916102	419-000	30.27	--	--	--

Soldering Accessories

Soldering Aids



L=175

- Plastic moulded hexagon handles
- Hardened steel shafts each bearing a formed tool
- Ideal for use in board repair, component replacement and track modification
- Provides a total of six functions. See below

Brush: For cleaning connections before soldering.
Scrapper: Hardened steel shafts each bearing a framed tool.
Knife: For cutting PCB tracks.
Hook: For component and lead extraction.
Fork: Fits wire up 22swg. For wrapping and unwrapping etc.
Spike: For hole cleaning and marking.

230524

Order Code	Price Each
145-462	25.92

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	Mfrs. List No.	Order Code
WDC Dry Cleaning System	005 15 124 99	999-4084
Spare Metal Wool (Pk 2)	005 13 824 99	999-4092

414752/436665

Description	Order Code	1+	5+	10+
WDC Dry Cleaner	999-4084	48.63	46.19	43.75
Spare Metal Wool (Pk 2)	999-4092	9.47	8.98	8.50

Desoldering Guns

Desoldering Pump



- Metal construction
- Anti-static tip

Overall length = 195mm

TEE431/222976

	Order Code	1+	5+	10+
Desoldering pump	312-5646	11.64	10.53	9.66
Spare tip	312-7709	3.33	2.88	2.55

Soldapullt DS 017/DS 017LS



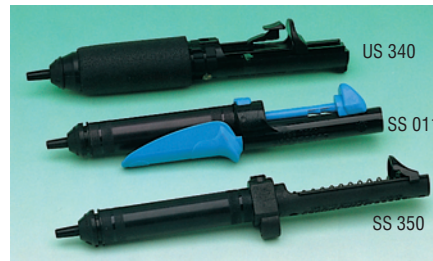
Dimensions:
∅ = 26 L = 240
Weight 130g

- 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+	+	+
Standard				
DS017 gun	871-345	23.30	--	--
Spare nozzle	871-590	6.37	--	--
Antistatic				
DS017LS gun	835-511	33.25	--	--
Spare nozzle	844-408	8.09	--	--
Spare washer	844-470	2.14	--	--

Soldapullts



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

212555

	Order Code	1+	+	+
SS 011 gun	871-382	30.59	--	--
Spare nozzle	844-421	7.02	--	--
Spare washer	844-433	3.35	--	--
US 340 gun	844-391	21.95	--	--
Spare nozzle	844-408	8.09	--	--
SS 350 gun	844-410	25.48	--	--
Spare nozzle	445-0528	7.39	--	--
Spare washer	844-433	3.35	--	--

Soldapullt PT 209



Dimensions
∅ = 25 L = 220 (not triggered)
Weight 110g

- Lightweight spring loaded desoldering gun
- Push-button trigger
- For routine desoldering

212557

	Order Code	1+	+	+
PT 209 gun	844-366	31.90	--	--
Spare nozzle	844-378	9.67	--	--
Spare washer	844-380	2.65	--	--

Lightweight, Low Cost

Anti-Static Version



Standard



Anti-static L=202, Dia=26

- 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+	+
Standard gun	253-546	17.41	15.12	13.11	--
Spare nozzle assembly	282-625	4.95	4.29	3.69	--
Anti-static gun	282-637	19.89	17.22	14.91	--
Spare nozzle assembly	282-649	5.67	4.98	4.26	--

Standard

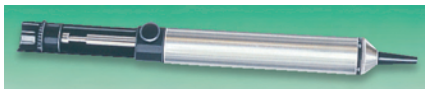


L=192, Dia=22

212664

	Order Code	1+	5+	10+	20+
Standard gun	419-011	37.91	33.87	31.65	
Spare PTFE nozzle	100-518	5.64	5.37	5.04	
Spare neoprene washer	100-519	1.80	1.71	1.56	
Spare nylon washer	100-520	1.92	1.62	1.32	
Spare circlip	100-521	1.26	1.01	0.76	
Spare main spring	100-522	4.44	3.75	3.27	
Spare ejector pin (For old style gun)	100-523	4.44	3.75	3.27	

Anti-static



L=155, Dia=14.5



L=190, Dia=20

230536

	Order Code	1+	5+	10+
Micro				
59802	105-926	41.95	37.59	35.01
59803	105-927	11.28	10.74	10.11
Spare neoprene washer	143-917	1.59	1.44	1.35
Standard				
598	105-928	50.31	45.15	42.12
59801	105-929	11.31	10.74	10.11
Spare Neoprene Washer	100-519	1.80	1.71	1.56

Standard



419-023 L=193, Dia=20

230537

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

	Mfrs. List No.	Order Code	Price Each
Standard gun	7874B	419-023	53.31
Spare nozzle	7875B	419-047	7.04

Mains Powered Desoldering 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+	+
Desoldering gun	956-880	1,081.56	1,069.50	--
Spares				
Hot blow cartridge	226-907	25.98		
Cleaning pins (set of 3)	226-919	27.12		
0.8mm dia tip	107-793	117.81		
0.8mm dia slim tip	109-155	117.81		
0.8mm dia ultra-slim tip	109-156	117.81		
1.0mm dia tip	107-794	117.81		
1.5mm dia tip	107-795	117.81		
Element	226-920	81.03		
Filter cartridges (pk of 5)	226-944	66.59		
Stand	108-613	87.48		
Spares for Obsolete SC5000 & SC5000A				
Element	107-797	104.31		

Fume Extraction Systems

Bench Top Fume Absorber



- For bench top use during hand soldering applications
- High performance fan
- Activated carbon filter
- Absorbs flux and lead fumes
- Simple filter replacement
- Supplied with 3 filters
- Light duty hand soldering only

Not recommended when using Rosin based flux solders.

Input Voltage	230V ac	Weight	1.5Kg
Dimensions	220mm(W) x 168mm(D) x 270mm(H)	Mains Cord Length	1m
Filter Dimensions	130mm(W) x 10mm(D) x 130mm(H)		

311661

	Order Code	1+	10+	30+	60+
Fume Absorber	444-1254	193.85	180.46	163.22	147.31
Filters (Pack of 5)	444-1278	17.74	16.76	15.27	14.16



Make Farnell-Newark InOne your first choice - search over 300,000 products at www.farnell-newarkinone.com.sg

Can't find the product you are looking for?

Soldering

42

Compliant
Non-compliant
Limited stock - RoHS replacement available
RoHS



Adjustable Arm Fume Absorber



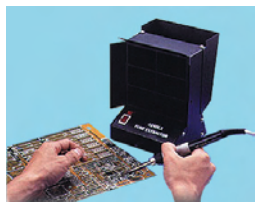
- Provides greater versatility during hand soldering applications
- Flexible arm mounts easily to almost any bench, or desk
- High performance fan
- Activated carbon filter
- Absorbs flux and lead fumes
- Simple filter replacement
- Supplied with 3 filters

Input Voltage 230V
 Dimensions (mm) 220(W) x 168(D) x 270(H)
 Filter Dimensions (mm) 130(W) x 10(D) x 130(H)
 Weight (kg) 1.80kg
 Mains Cord Length (m) 1m

311667

	Order Code	1+	10+	30+	60+
Fume Absorber	444-1266	209.25	191.84	175.77	160.70
Filters (Pack of 5)	444-1278	17.74	16.76	15.27	14.16

426DLX Fume Extractor



- Built-in high efficiency, low noise, brushless mini fan
- Easy to replace carbon filter
- Quickly removes smoke and fumes
- Reflector hood diverts air away from working area

Input Power 230V ac
 Min. Air Flow 95 cu.ft./min
 Max. Air Flow 115 cu.ft./min
 Filter Size 130mm
 Weight 1.6kg
 Dimensions (HxWxD) 200x162x120mm



339838.276779

Description	Order Code	1+	5+
426DLX Fume Extractor	468-3705	187.49	172.12
Spare Filters (2 Pk)	468-3717	24.58	23.73

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)



Iron Adaptor Kit for Weller TCP (Iron not included)



BVX 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: DSO3-902 has a tube, hose, metal clip and S clip - The DSO3-929, DSO3-930 and DSO3-931 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	Connection Kit	
		BTX-CK2-25 101-0139	BTX-CK4-75 101-0140
Max number of Stations when using 5.6mm Tubes	In-Line	2	4
	Back to Back	4	8
		Qty	Qty
1	Flexible Hose ø32mm	2.5m	7.5m
2	Coupling with two Glands 5.6mm	2	4
3	End Plug	1	2
4	T-Piece Connector for 35mm Hose	0	1
5	Duct Clip (32mm)	2	5
6	Roll of Vinyl Tape	1	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	1,944.55
Accessories				
Hose Connection Kit (1-4 Stations)	1	BTX-CK2-25	101-0139	184.14
Hose Connection Kit (1-8 Stations)	1	BTX-CK4-75	101-0140	425.06
Iron Adaptor Kit (Weller TCP)	1	DSO3-902	101-0142	61.27
Iron Adaptor Kit (OKI MX and Weller WS)	1	DSO3-929	101-0143	61.27
Iron Adaptor Kit (OKI SP200)	1	DSO3-930	101-0144	61.27
Iron Adaptor Kit (OKI PS800)	1	DSO3-931	101-0145	61.27
Spring, Stand Adaptor Kit (Weller)	1	DSO3-902S	101-0146	52.54
Replacement Accessories				
Pre-Filter (Pk of 5)	5	FP-BVX200	802-6220	108.49
Main Filter, HEPA 99.95% Carbon	1	FM-BVX200	802-6238	197.25

Soldering

42

1,000's of products added every month, check out the very latest products, news and information at:
www.farnell-newarkinone.com.sg

The very latest NEW products

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+	+	+
Fume Extraction Kit	322-8459	2,182.53	--	--
Expansion Kit	322-8460	332.10	--	--

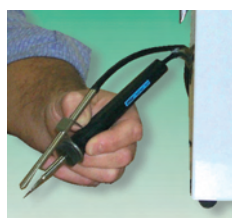
Fume Extraction Spares - Arm Evac 200



212622

	Order Code	1+	+	+
Pre Filters (Pk Qty 5)	322-8514	118.48	--	--
General Purpose Filter (HEPA/GAS)	322-8526	345.03	--	--
Adhesive Filter	322-8538	425.10	--	--

Bofa Fume Extraction System



- Range of high quality fume extraction systems
- Designed to meet the requirements of COSHH and HSE legislation
- Efficient and cost effective solutions to solder, glue solvent and fume pollution

- Full HEPA and gas filtration (99.997 down to 0.3 microns)
- Easy to install

First you need to decide whether you need Tip, Arm or Cowl extraction:

Tip	Arm	Cowl
Medium/light PCB or general soldering	Heavy soldering, Intricate Solder Solder pot, glue and solvent	Soldering at bench level, gluing and drying

Tip Extraction Step 1

Choose the appropriate extraction unit and installation kit to suit the number of operations needing protection. All units come complete with pre-filter and combined filter as standard.

212574

System	Order Code	1+	3+	6+
System 1				
Unit	904-260	1,173.01	1,114.36	1,092.75
Per Filter (pk5)	904-272	26.84	25.74	24.12
Combined Filter	904-284	279.53	265.56	249.18
No installation required				
System 8				
Unit	904-314	2,923.83	2,777.61	2,606.40
Per Filter (pk5)	904-338	134.15	127.41	119.55
Installation Kit	904-326	341.11	324.03	304.07
System 15				
Unit	904-351	3,550.37	3,372.85	3,164.88
Per Filter (pk5)	904-375	147.80	140.40	131.76
Combined Filter	904-387	350.22	315.18	302.25
Installation Kit	904-363	612.61	581.98	546.10

Fume Displacement Unit



- Designed to remove soldering fumes away from the operator and the immediate working area
- High capacity recirculating fan
- Dispatches 94.1 cu 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	1+	10+
Fume displacement unit	501-529	242.45	214.11
Filter new type 120 x 120	501-530	6.96	6.64
Filter old type 120 x 130	148-019	7.14	6.79
Mains Leads		1+	25+
UK Mains Cord	152-575	18.38	16.11
Lead, European 2.5M, Black	210-699▲	12.76	11.52
Lead, Australian 2.5m Black	428-796▲	17.94	15.15
Lead, Italian 2.5m Black	525-560▲	18.44	15.51
Lead, Danish 2.5m Black	525-546▲	20.90	17.55
Lead, Swiss 2.5m Black	525-583▲	17.78	14.97

Desoldering Braid



Solda-Mop



For desoldering electronic joints and electrical connections quickly, safely and efficiently. Solda-Mop is a specially impregnated wick and when solder becomes molten it is immediately drawn up into Solda-Mop leaving a clean joint ready for resoldering. It usually requires only one second to efficiently desolder a joint or connection. Solda-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".

334411

Width	Length	Order Code	1+	10+
0.8mm	1.5m	475-4256	4.72	4.10
1.5mm	1.5m	475-4268	5.37	4.72
1.5mm	10m	475-4270	19.69	18.10
1.5mm	30m	475-4281	58.43	51.69
2.5mm	1.5m	475-4293	5.21	4.56
2.5mm	10m	475-4300	22.62	20.54
2.5mm	30m	475-4311	61.68	55.69

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	Price Per Pack		
					1+	5+	25+
Singles							
40-2-5	1.5	1.5	1	959-9479	7.88	7.39	7.00
40-3-5	2.0	1.5	1	959-9487	8.30	7.71	7.36
40-4-5	2.8	1.5	1	959-9495	8.79	8.01	7.58
40-2-10	1.5	3	1	959-9509	13.93	13.25	12.60
40-3-10	2.0	3	1	959-9517	15.14	14.39	13.67
40-4-10	2.8	3	1	959-9525	15.69	14.91	14.16
VacuPak[®] of 10 Bobbins							
SW14025	1.5	1.5	10	959-9533	78.41	74.54	70.76
SW14035	2.0	1.5	10	959-9541	82.84	78.71	74.77
SW14045	2.8	1.5	10	959-9550	87.07	82.71	78.58

Solder-Wick[®] Desoldering Braid



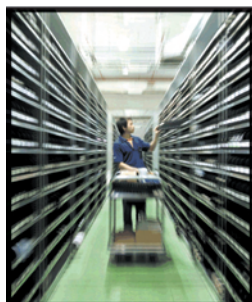
- Manufactured by industry leader through patented process
- Open weave design offers optimal heat transfer and quicker wetting
- Solder-Wick[®] No Clean SD braid features non corrosive halide free low solids flux
- Solder-Wick[®] Rosin SD braid flux is non corrosive, and will not contaminate board
- 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	Price Each		
				1+	5+	25+
Solder-Wick No Clean SD (Singles)						
6015	0.9	1.5	559-866	5.58	5.37	5.10
6025	1.5	1.5	559-878	5.58	5.37	5.10
6035	1.9	1.5	559-880	6.18	5.91	5.64
6045	2.8	1.5	559-891	6.48	6.21	5.91
6055	3.9	1.5	559-908	6.90	6.63	6.30
6065	5.3	1.5	967-531	7.35	7.16	--
60110	0.9	3	860-670	10.89	10.44	9.96
60210	1.5	3	860-682	10.89	10.44	9.96
60310	1.9	3	860-694	11.31	10.86	10.35
60410	2.8	3	860-700	12.36	11.85	11.28
60510	3.9	3	860-712	13.23	12.69	12.09
Solder-Wick Rosin SD (Singles)						
8015	0.9	1.5	559-969	5.01	4.80	4.56
8025	1.5	1.5	559-970	5.01	4.80	4.56
8035	1.9	1.5	559-982	5.28	5.07	4.83
8045	2.8	1.5	559-994	5.73	5.49	5.25
8055	3.9	1.5	560-005	6.63	6.36	6.03
8065	5.3	1.5	967-543	7.08	6.81	6.48
80110	0.9	3	860-724	9.57	9.18	8.73
80210	1.5	3	860-736	9.57	9.18	8.73
80310	1.9	3	860-748	9.84	9.45	9.00
80410	2.8	3	860-750	10.74	10.32	9.81
80510	3.9	3	860-761	12.36	11.85	11.28
10 Per Tin						
Solder-Wick No Clean SD (VacuPak[®])				Price Per Tin		
SW16015	0.9		957-150	55.86	53.58	51.03
SW16025	1.5		957-161	55.86	53.58	51.03
SW16035	1.9		957-173	61.74	59.22	56.40
SW16045	2.8		957-185	64.68	62.04	59.07
SW16055	3.9		957-197	69.09	66.27	63.12
Solder-Wick Rosin SD (VacuPak[®])						
SW18015	0.9		957-203	49.98	47.94	45.66
SW18025	1.5		957-215	49.98	47.94	45.66
SW18035	1.9		957-227	52.92	50.76	48.33
SW18045	2.8		957-239	57.33	54.99	52.38
SW18055	3.9		957-240	66.15	63.45	60.42

Soldering

42



In stock and ready to despatch, 300,000 products in our Asia, US and Europe warehouses.

300,000 products at your fingertips

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	Price Each			
				1+	10+	20+	50+
Anti-Static							
1.5	1.5	NC-AA	252-487	5.64	5.07	4.70	--
2.2	1.5	NC-AB	252-499	6.58	5.85	4.95	4.77
2.7	1.5	NC-BB	252-505	6.27	5.77	--	--
Non-Anti-Static							
1.5	30	NC-AA30M	609-377	80.23	75.48	71.61	--
2.2	30	NC-AB30M	609-389	91.56	86.10	84.03	--

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	Price Per Pack			
	1+	5+	10+	+
629-510	39.38	35.46	34.13	--

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	Price Each		
	1+	5+	10+
419-539	43.24	41.07	38.37

Solder Bar, Lead Free



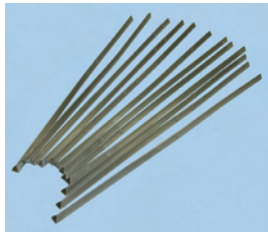
- For solder bath
- Suitable for dip, selective and wave soldering
- To EN 29453 / 61190-1-3
- Size: Approx. 310x16x5mm

409100

Alloy	Melting Point	Weight approx. (kg)	Order Code	Price Each		
				1+	5+	10+
Sn99Cu1	227°C	1	840-0458	51.92	46.74	41.37
Sn95.5Ag3.8Cu0.7	217°C	1	840-0466	91.82	82.64	74.02

Prices are in Singapore Dollars and exclusive of GST. Due to the volatile nature of certain products, prices are subject to change without notice.

Triangular Stick Solder, Lead Free



- For solder bath
- Suitable for dip, wave and selective soldering
- To EN 29453 / 61190-1-3
- Size: approx. 11x11x11x440mm



378360/436422

Alloy	Melting Temperature	Weight ca. (g)	Order Code	Price Each		
				1+	5+	10+
Sn97.0Cu3.0	230-250°C	250	840-0407 ●	21.11	--	--
Sn99.0Cu1.0	227°C	250	840-0415 ●	12.95	12.30	11.65
Sn95.5Ag3.8Cu0.7	217°C	250	840-0431 ●	22.95	21.78	20.67
Sn96Ag4	221°C	250	840-0440 ●	59.66	--	--

Solder - Lead Free

Introduction to Lead Free Soldering



Lead-free soldering is a requirement that is soon to be mandatory throughout the entire EU. The legislation is now law and becomes effective from July 2006. Lead-free in electronics is already an accepted and widely practised process in Japan and is rapidly being implemented worldwide.

There are some important issues related to the transition to a lead-free process:

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 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 also. 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 InOne technical sales team.

338612

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

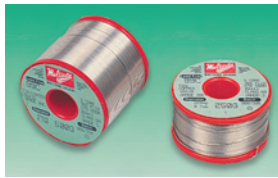
- Complies with all lead-free legislative requirements

Alloy Lead Free 99.3% Tin (Sn), 0.7% Copper (Cu) Alloy Tip Temperature (Approx.) 350°C
Melting Temperature 227°C

338630

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	507-1290 ●	31.61	29.33
	0.7mm	507-1306 ●	24.58	22.78
	0.9mm	507-1318 ●	23.60	21.87
	1.2mm	507-1320 ●	21.12	19.60
500g Reels	0.7mm	507-1343 ●	41.14	38.15
	0.9mm	507-1355 ●	40.00	37.11
	1.2mm	507-1367 ●	34.96	32.42

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	Price Per Reel				
		1+	5+	10+	20+	
250g Reels	1.22mm 35	289-875 ●	39.93	35.64	31.11	25.05
	0.71mm 102	289-887 ●	44.58	39.78	34.74	28.27
500g Reels	1.22mm 70	289-899 ●	72.43	64.65	56.49	45.57
	0.71mm 205	289-905 ●	81.61	73.53	64.26	51.63

Lead Free (99C) Alloy, 309 Rosin 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 Five cores of Halide-free, non-corrosive 309 Rosin Based
Melting Temperature 227°C
Tip Temperature (Approx.) 350°C - 370°C

339063.344681

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	509-0866 ●	36.39	33.07
	0.7mm	509-0878 ●	27.70	25.19
	0.9mm	509-0880 ●	27.15	24.71
500g Reels	0.7mm	509-0910 ●	51.56	46.87
	0.9mm	509-0921 ●	50.00	45.44
	1.2mm	509-0933 ●	48.04	43.65

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 (Sn), 0.7% Copper (Cu) Alloy Tip Temperature (Approx.) 350°C
Melting Temperature 227°C

338631

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	507-1379 ●	30.47	28.25
	0.7mm	507-1380 ●	22.52	20.90
	0.9mm	507-1392 ●	21.97	20.38
	1.2mm	507-1409 ●	21.22	19.69
500g Reels	0.7mm	507-1422 ●	41.37	38.38
	0.9mm	507-1434 ●	40.13	37.20
	1.2mm	507-1446 ●	38.73	35.94

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 Bellcore 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 Melting Temperature 227°C
 Flux Type Halide Free (Zero Activation), No clean 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	35.06	31.87
	0.7mm	509-0957	25.91	23.53
	0.9mm	509-0969	25.29	22.98
500g Reels	0.7mm	509-0994	47.59	43.26
	0.9mm	509-1007	46.16	41.96
	1.2mm	509-1019	44.56	40.49

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 no 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 (Sn), 0.7% Copper (Cu) Alloy Melting Temperature 227°C
 Flux Type Mildly Activated No-Clean Tip Temperature (Approx.) 350°C - 370°C
 339059

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	509-0672	21.68	21.11
	0.7mm	509-0684	18.62	17.12
	0.9mm	509-0696	18.00	16.57
500g Reels	1.2mm	509-0702	17.38	15.98
	0.7mm	509-0726	35.94	33.07
	0.9mm	509-0738	34.86	32.09
	1.2mm	509-0740	33.75	31.05

Lead Free (99C) Alloy, 502 No-Clean Flux



- Mildly activated (0.2%) flux formulation
- Increased flux content (3% by weight) - low fuming and low spitting
- Minimal clear residues no 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 Melting Temperature 227°C
 Flux Type Mildly Activated (0.2%) formulation, No clean Tip Temperature (Approx.) 350°C - 370°C
 339067.344683

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	10+
250g Reels	0.5mm	509-1020	29.36	26.69
	0.7mm	509-1032	25.16	22.88
	0.9mm	509-1044	24.35	22.13
500g Reels	0.7mm	509-1070	48.60	44.20
	0.9mm	509-1081	47.16	42.87
	1.2mm	509-1093	45.64	41.50

Lead-Free Alloy, High Activity Rosin Flux



- Contains multiple cores of halide-free 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 (Sn), 0.7% Copper (Cu) Alloy
 Flux Type Halide-Free Rosin Based Flux
 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	26.89	24.74
	0.7mm	509-0600	20.51	18.85
	0.9mm	509-0611	20.08	18.49
500g Reels	1.2mm	509-0623	19.30	17.77
	0.7mm	509-0647	38.08	35.06
	0.9mm	509-0659	36.98	34.01
	1.2mm	509-0660	35.48	32.65

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	45.99	41.40
	0.7mm	101-5444	33.23	29.91
	1mm	101-5445	29.82	26.82
500g Reels	1.2mm	101-5446	29.69	26.69
	0.7mm	101-5447	64.22	57.78
	1mm	101-5449	57.39	51.66
	1.2mm	101-5451	57.09	51.40

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	46.77	42.12
	0.7mm	101-5453	34.18	30.76
	1mm	101-5454	30.82	27.77
500g Reels	1.2mm	101-5455	30.69	27.63
	0.7mm	101-5456	66.08	59.47
	1mm	101-5457	59.40	53.48
	1.2mm	101-5458	59.11	53.22

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 Melting Temperature 217°C - 224°C
 Flux Type Mildly activated, no-clean Tip Temperature (Approx.) 350°C - 370°C
 416065

Weight	Wire Diameter	Order Code	Price Per Reel	
			1+	5+
250g Reels	0.5mm	101-5459	43.52	39.19
	0.7mm	101-5460	31.70	28.55
	1mm	101-5462	28.68	25.78
500g Reels	1.2mm	101-5463	28.51	25.65
	0.7mm	101-5464	61.45	55.30
	1mm	101-5465	55.20	49.67
	1.2mm	101-5466	54.98	49.48

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



NEW

- 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	44.04	39.65
	0.7mm	101-5468	32.06	28.87
	1mm	101-5469	28.97	26.04
500g Reels	1.2mm	101-5470	28.81	25.91
	0.7mm	101-5471	62.11	55.89
	1mm	101-5472	55.79	50.22
	1.2mm	101-5474	55.56	50.00

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 (mm)	Weight (g)	Order Code	Price per Reel		
			1+	5+	10+
0.5	100	840-0270	18.39	16.57	15.01
0.5	250	840-0288	43.00	38.73	35.22
0.8	100	840-0296	12.73	11.49	10.45
0.8	250	840-0300	29.07	26.14	23.76
1.0	100	840-0318	12.30	11.00	10.03
1.0	250	840-0326	27.67	24.90	22.62
1.0	500	840-0334	53.12	47.78	43.45
1.5	100	840-0342	12.08	10.87	9.90
1.5	250	840-0350	27.31	24.64	22.39

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 (mm)	Weight (g)	Order Code	Price per Reel		
			1+	5+	10+
1.0	250	840-0369	17.22	15.43	14.03
1.0	500	840-0377	32.22	29.00	26.33
1.5	250	840-0385	16.89	15.17	13.80
2.0	250	840-0393	16.76	15.04	13.67

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 legisla-

- Suitable for general assembly, or rework processes - operationally and aesthetically similar to traditional rosin fluxes

339833/436437

Wire Diameter	Weight	Order Code	Price Per Reel		
			1+	10+	50+
0.7mm	250g	454-590	44.68	42.06	39.93
1mm	250g	454-412	43.39	37.59	35.70

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	Price Each	
			1+	10+
500g	3209885-M	509-1100	309.23	289.70

RP11 Lead Free No-Clean Solder Paste



- High activity rosin-based solder paste
- Rosinous (amber) residues do-not need cleaning
- Good tack performance and printer open time
- 96SC (SAC Alloy) 95.5% Tin(Sn), 3.5% Silver(Ag) 0.7% Copper(Cu), 217°C liquidus
- 90% metal content for stencilling, 250g jars
- Suitable for reflow in air or nitrogen

339835

Size	Order Code	Price Each		
		1+	10+	50+
250g Jar	453-560	156.64	139.98	118.92

Solder

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	Price Per Reel					
		1+	5+	10+	20+	+	+
1.0 44	453-584	24.45	23.01	21.84	19.71	--	--
1.22 30	419-266	25.03	23.43	22.32	20.91	--	--
0.91 54	419-278	24.45	22.17	20.52	17.85	--	--
0.71 89	419-280	33.45	29.88	26.10	20.97	--	--
0.56 144	419-291	44.92	42.60	39.99	36.93	--	--
0.46 216	419-308	69.00	64.14	61.32	56.61	--	--
1.63 34	419-310	37.27	33.93	31.41	27.36	--	--
1.5	453-572	37.27	35.07	33.30	30.06	--	--
1.22 61	419-321	40.85	39.36	36.30	32.85	--	--

Soldering

42

Compliant
● Non-compliant
▲ Limited stock - RoHS replacement available
RoHS



mm	Length m	Order Code	Price Per Reel					
			1+	5+	10+	20+	+	+
1	87	453-596▲	43.21	40.62	38.58	34.77	--	--
0.91	107	419-333▲	43.21	38.43	37.20	31.47	--	--
0.71	178	419-345▲	47.00	45.00	41.67	37.53	--	--
0.56	289	419-357▲	103.24	95.91	86.76	74.07	--	--
2.5Kg Reels			1+	4+	8+	20+	+	+
2.03	110	419-369	167.41	149.16	142.56	118.44	--	--

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

mm	Length (m)	Mfrs. List No.	Order Code	Price Per Reel					
				1+	5+	10+	20+	+	+
500g Reels									
2.03	20	D4014	419-412▲	31.95	29.25	28.29	25.05	--	--
1.63	32	D4016	419-424▲	31.33	28.71	27.78	24.57	--	--

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

250g Reels	Order Code	Price Per Reel			
		1+	5+	10+	20+
0.71mm	609-961▲	29.74	27.96	26.04	22.98
500g Reels					
0.91mm	609-973▲	46.36	43.59	40.56	35.82
0.71mm	609-985▲	54.16	50.97	47.40	41.82

60/40 Alloy, 505 No-Clean Flux

500g Reels	Order Code	Price Per Reel			
		1+	5+	10+	20+
0.91mm	329-4160▲	47.43	43.59	40.56	35.82
0.71mm	329-4158▲	54.16	50.97	47.40	41.82

60/40 Alloy, 511 No-Clean Flux

250g Reels	Order Code	Price Per Reel			
		1+	5+	10+	20+
0.91mm	609-997▲	25.89	24.33	22.62	19.98
0.71mm	610-008▲	29.80	28.02	26.10	23.01
500g Reels					
0.91mm	610-010▲	46.36	43.59	40.56	35.82
0.71mm	610-021▲	54.16	50.97	47.40	41.82

SMART Alloy, 362 Rosin Flux



- Specially designed for Surface Mount and Related Technology applications
- Contains five cores of mildly activated, non-corrosive "362" 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

Mfrs. List No.	Order Code	Price Per Reel					
		1+	5+	10+	20+	+	+
SMART 26	419-503▲	89.47	79.71	73.59	67.47	--	--

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 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 high solderability assembly, or rework of PCBs assembled in a no-clean process, or that have already been cleaned

212581

mm	Length (m)	Order Code	Price Per Reel					
			1+	5+	10+	20+	+	+
X39, 250g Reels								
1.22mm	30	289-838▲	26.41	23.58	20.55	16.71	--	--
0.71mm	89	289-840▲	36.23	32.40	28.20	22.74	--	--
X39, 500g Reels								
1.22mm	61	289-851▲	47.86	42.72	37.29	29.97	--	--
0.71mm	178	289-863▲	61.17	56.52	49.29	37.47	--	--

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

Order Code	Price Per Reel					
	1+	5+	10+	20+	+	+
250g Reels						
1.22mm 904-533▲	25.61	22.83	21.54	18.99	--	--
0.71mm 904-545▲	30.36	27.03	25.53	22.53	--	--
500g Reels						
1.22mm 904-557▲	44.22	39.39	37.20	32.82	--	--
0.71mm 904-569▲	53.55	47.73	45.06	39.75	--	--

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)

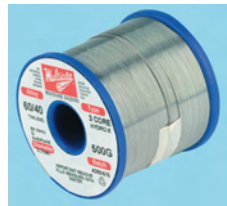
- Suitable for high working temperature applications (electric motors etc)
- Can also be used for selective soldering of adjacent components (i.e. a HMP joint will not melt when an adjacent low temperature solder joint is created subsequently)
- 5% Tin (Sn), 93.5% Lead (Pb), 1.5% Silver (Ag) alloy
- 301°C Melting temperature (tip temperature approximately 421°C)

212673

mm	Length (m)	Mfrs. List No.	Order Code	Price Per Reel					
				1+	5+	10+	20+	+	+
Low Temperature 179°C									
250g Reels									
0.71mm	93	DLMP222	419-540▲	45.62	39.87	34.86	29.19	--	--
0.56mm	150	DLMP242	419-552▲	54.65	51.42	49.02	46.23	--	--
0.46mm	224	DLMP262	419-564▲	79.74	76.62	71.31	67.65	--	--
500g Reels									
1.22mm	63	DLMP	419-576▲	77.66	73.05	69.36	63.21	--	--
0.71mm	165	DLMP225	419-588▲	72.98	68.67	65.31	59.49	--	--
High Temperature 301°C									
500g Reels									
1.22mm	46	DHMP	419-590▲	46.82	41.76	40.80	38.07	--	--

Prices are in Singapore Dollars and exclusive of GST. Due to the volatile nature of certain products, prices are subject to change without notice.

Hydro-X Water Soluble Flux



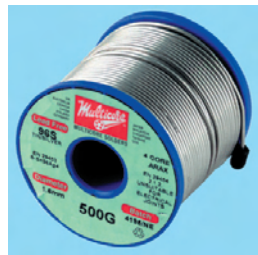
- High acidity, high activity, water soluble flux formulation
- 60% Tin (Sn), 40% Lead (Pb) Alloy
- 180°C melting temperature (tip temperature approximately 308°C)
- Fast wetting, no spitting, no insoluble residues
- Residues MUST be removed quickly and thoroughly by water. No other neutralisers are necessary
- Active flux to promote rapid, efficient soldering of difficult to solder parts



212536

		Price Per Reel			
Order Code	1+	5+	10+	20+	
500g 0.71mm 629-431	47.37	44.49	41.79	38.55	

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

		Price Per Reel			
Order Code	1+	5+	10+	20+	
Tin/Silver 500g Reels					
1.63mm 629-455	73.93	69.39	65.91	62.61	
250g Reels					
1.63mm 629-479	38.86	36.57	36.42	33.60	
0.71mm 629-480	44.68	42.06	39.93	37.95	
Tin/Lead 500g Reels					
1.63mm 629-492	35.83	33.69	31.41	27.90	
250g Reels					
1.63mm 629-509	24.20	22.80	21.24	18.84	

"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

		Price Per Reel			
Order Code	1+	5+	10+	20+	
500g 0.91mm 629-443	51.19	48.15	45.75	43.44	

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▲	41.10	38.28	33.21
RA10	25g syringe	149-968▲	36.84	34.35	29.25
RM92 (Stencilling)	500g tub	201-352▲	192.75	170.22	154.65
RM92 (Screen Printing)	500g tub	201-364▲	192.75	170.22	154.65
			1+	10+	50+
RP11	250g Tub	453-559▲	150.12	130.89	112.50

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

		Mfrs. List No.	Order Code	1+	6+	12+
Size	Colour					
9g	Clear Yellow	CW8400	959-9568	21.19	20.12	19.11

Rework Flux Gel

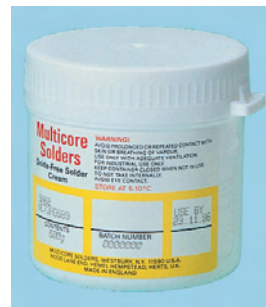


- Special flux gel designed for re-work of SMT assemblies
- Optimised for dispensing
- Halide-free, no-clean formulation, minimal clear residue
- Compatible with no-clean assembly and rework processes

212494

Pack Quantity=1	Order Code	1+	10+	50+
10cc Syringe	453-547	34.00	29.46	28.05

NC73 Solder Paste



- No-clean technology for stencil printing applications
- Suitable for reflow in air and nitrogen
- Long printer life
- 62% Tin(Sn), 36% Lead(Pb), 2% Silver(Ag) alloy (179°C liquidus)
- No-clear, clear residues

212547

	Order Code	1+	Price Each	+
500g Tub	765-193▲	231.85	--	--

Soldering

42

Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available



Solder Dispensers

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

212669

Mfrs. List No.	Order Code	Price Each
SD1000	419-606	64.72

Solder Paste Dispensers

Receivers, Syringes and Nozzles

SEMCO



Receiver

Fully locking universal receiver assembly including receiver head for 10ml or 30/35ml 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	Price Each		
		1+	5+	10+
Universal Receivers				
10ml	105-977	81.48	68.49	
30ml	105-978	81.48	68.49	
Order Multiple=5				
		5+	10+	50+
Syringe Barrels				
10ml	105-979	0.69	0.60	0.47
30ml	105-980	2.19	1.29	1.07
Syringe Stoppers				
Long series 10ml	105-981	0.72	0.60	0.48
Long series 30ml	105-982	2.07	1.23	0.96
Nozzles				
18 Gauge Nozzle Stainless Steel (Pink)	105-983	1.08	0.87	0.78
19 Gauge Nozzle Stainless Steel (Brown)	105-984	1.08	0.87	0.78
21 Gauge Nozzle Stainless Steel (Green)	105-985	1.08	0.87	0.78
20 Gauge Tapered Plastic (Pink)	108-300	1.08	0.87	0.78
22 Gauge Tapered Plastic (Clear)	105-987	1.08	0.87	0.78
Tip Cap	105-988	0.39	0.24	0.18

Solder Fluxes, Pastes & Chemicals

Surface Mount



SMSP - Surface Mount Solder Paste

- Silver containing SM solder paste for manual and automatic dispensing
- Long tack time

- Bright shiny joints
- May be used as no-clean as residues are non-corrosive

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 removal

Note: Aerosol contains flammable contents. Do not use on live equipment or near any source of ignition. Use in a well ventilated area.

SOL172/212521

	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	20+
10ml Syringe	SMSP105	635-121	26.43	24.99	23.94	22.77
10ml Syringe	SMA10SL	106-610	36.90	35.07	33.60	--
12ml Pen	SMF12P	891-186	12.33	11.64	10.68	--
			1+	5+	12+	
200ml Aerosol	SMFL200D	298-311	21.27	20.25	19.38	

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	Price Each		
	1+	5+	10+
149-803	20.15	17.42	

Flux Pen

BONKOTE

Refillable



- 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	Price Each			
		1+	5+	10+	+
BON102	500-896	31.62	30.06	27.93	--



Tip Tinner/Cleaner - TTC1



- Quick and effective method of cleaning and re-tinning de-wetted soldering irons
- Compacted disc of electronics grade solder powder and chemicals
- Will remove stubborn tin/iron intermetallic layer that forms on iron plated tips and resists rosin based fluxes
- Contains non-corrosive chemicals with a low evaporation point leaving no residues

- Single wipe of the iron across the surface cleans/wets and tins the tip at once

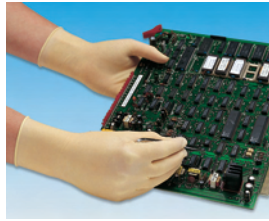
212686

Mftrs. List No.	Order Code	1+	Price Each	10+
TTC1	419-631	10.37		9.65

Finex PF™ Latex



Powder Free



- Low particle levels reduces risk of product contamination
- Special processing reduces proteins and toxins which in some people can cause sensitisation and irritation
- Strong - made from 100% natural rubber latex
- Rolled cuff for when a beaded cuff is preferred
- Ambidextrous - fits either hand
- Provides maximum sensitivity, dexterity and comfort
- Suitable for food handling



Typical applications Electronics, laboratory, veterinary, pharmaceutical and medical
 Length 24cm
 Thickness 0.15mm (single wall measured at palm)

HS704

100 Gloves Per Pack		Price Per Pack		
Size	Order Code	1+	4+	+
6.5	312-9421	13.14	12.60	--
7.5	312-9433	13.14	12.60	--
8.5	312-9445	13.14	12.60	--

Heat Shrink Guns

Micro Jet and Micro Therm



- Pocket size high quality blow torch and thermal heat gun
- Piezo auto ignition
- Built in safety lock
- Fuelled by a common refillable cigarette lighter (supplied)

Micro Jet

- Instant 1300°C microflame
- Ideal for soldering, paint removal and disassembly

Micro Therm

- Flameless heat gun
- 650°C flameless heat
- Ideal for use with heat shrink tubing and for general heating and drying applications

231423

	Order Code	1+	5+	10+	+
Micro Jet	887-547	46.45	44.43	41.82	--
Micro Therm	957-914	46.45	44.43	41.82	--

- Fast access to over 300,000 products
- Over 125,000 technical datasheets
- Technical attribute search
- Quick buy facility
- Instant order confirmation

www.farnell-newarkinone.com.sg

Soldering

42

Compliant
 Non-compliant
 Limited stock - RoHS replacement available
RoHS

Soldering

42