

# 104

# SOLDERING

## C 15W soldering iron

Antex



A 15W miniature lightweight soldering iron ideal for all applications where low heat is required. Leakage current at rated voltage 3.5 uA max. Supplied with 1.5m pvc cable and bit no 820 2.3mm. Heat proof silicon rubber cable is also available to order with this model. Weight 21 gms excluding cable. Overall length 147mm. All 240v irons supplied with a 13A plug.

Type	Order	Price each		
	code	1-4	5-9	10+
15w 240v soldering iron	170-004	£11.90	£11.40	£10.90
15w 24v soldering iron + psu pl	170-005	£13.75	£12.90	£12.25
15w 240v iron silicon cable	170-010	£14.75	£14.25	£13.40
15w 240v element	170-006	£6.50	£6.25	£5.75
15w 24v element	170-020	£6.90	£6.55	£6.10

## CS 18W soldering iron

Antex



A 18W soldering iron featuring a double shaft to improve the insulation and strength. Leakage current at rated voltage 1.5 uA. Supplied with either 1.5m pvc cable or 1.5m heat proof silicon rubber cable and bit no 1100 2.3mm. Weight 29 gms excluding cable. Overall length 183mm. All 240v irons are supplied with a 13A plug. Low voltage irons supplied with PSU plug.

Type	Order	Price each		
	code	1-4	5-9	10+
18w 240v soldering iron	170-021	£11.90	£11.40	£10.90
18w 24v soldering iron + psu plug	170-022	£13.75	£13.10	£12.30
18w 240v iron silicon cable	170-011	£14.75	£14.25	£13.40
18w 24v iron silicon cable Psu pl	170-013	£16.50	£15.85	£14.90
18w 240v element	170-015	£6.75	£6.40	£5.90
18w 24v element	170-023	£6.75	£6.45	£5.90

## XS 25W soldering iron

Antex



A general purpose 25W soldering iron featuring a double shaft to improve the insulation and strength. Leakage current at rated voltage 2.0 uA max. Supplied with either 1.5m pvc cable or 1.5m heat proof silicon rubber (si) cable and bit no 51 3.0mm. Weight 45 gms excluding cable. Overall length 193mm. All 240v irons supplied with a 13A plug.

Type	Order	Price each		
	code	1-4	5-9	10+
25w 240v soldering iron	170-001	£12.25	£11/50	£10.90
25w 240v iron silicon cable	170-012	£15.70	£15.10	£14.75
25w 240v element	170-024	£6.35	£6.05	£5.90

## Soldering iron bits

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107		0.12	55		0.5
10		0.5	50		2.3
106		1.0	51		3.0
1106		1.0			
820		2.3			
1100		2.3			
1101		3.0			

A range of soldering iron bits for our range of irons.

Type	Order	Price each		
	code	1-4	5-9	10+
C bit 107 0.12mm	170-019	£2.60	£2.45	£2.35
C bit 10 0.5mm	170-017	£2.35	£2.20	£2.10
C bit 106 1.0mm	170-018	£2.35	£2.20	£2.10
C bit 820 2.3mm	170-007	£2.35	£2.20	£2.10
CS bit 1106 1.0mm	170-025	£2.35	£2.20	£2.10
CS bit 1100 2.3mm	170-026	£2.35	£2.20	£2.10
CS bit 1101 3.0mm	170-027	£2.35	£2.20	£2.10
XS bit 55 0.5mm	170-016	£2.35	£2.20	£2.10
XS bit 50 2.3mm	170-002	£2.35	£2.20	£2.10
XS bit 51 3.0mm	170-003	£2.35	£2.20	£2.10

## Soldering iron stand ST4

Antex

A soldering iron stand to accommodate our range of irons. A sponge tray is also provided.



Type	Order	Price each		
	code	1-4	5-9	10+
ST4 iron stand	170-008	£3.95	£3.75	£3.50
Replacement sponge	170-009	£0.65	£0.61	£0.57

## Soldering iron stand ST6

Antex

An industrially styled bench stand with slip resistant feet and two screw holes for permanent positioning if required. A ballast weight is included for added stability. The design ensures that the soldering iron handle temperature is kept to a minimum when the iron is placed in the stand for long periods.



Type	Order	Price each		
	code	1-4	5-9	10+
ST6 iron stand	170-046	£4.95	£4.89	£4.69

## High wattage soldering irons

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A range of high wattage mains soldering irons for larger soldering tasks including large terminals, connections to metal chassis and earth tags. Can be used for any application where high power and a high thermal capacity are required. Supplied with a 13A plug and a straight bit.

Type	Order code	Price each		
		1-4	5-9	10+
30w soldering iron	170-030	£7.70	£7.30	£6.75
40w soldering iron	170-031	£8.25	£7.70	£7.25
80w soldering iron	170-032	£8.90	£8.05	£7.70
100w soldering iron	170-033	£9.40	£8.45	£8.10
30w element	170-034	£4.25	£3.90	£3.70
40w element	170-035	£4.25	£3.90	£3.70
80w element	170-036	£5.25	£4.90	£4.70
100w element	170-037	£5.25	£4.90	£4.70
30w tip straight	170-038	£2.90	£2.60	
30w tip angled	170-039	£3.10	£2.80	
40w tip straight	170-040	£2.90	£2.60	
40w tip angled	170-041	£3.10	£2.80	
80w tip straight	170-042	£2.90	£2.60	
80w tip angled	170-043	£3.10	£2.80	
100w tip straight	170-044	£2.90	£2.60	
100w tip angled	170-045	£3.10	£2.80	

## 660TC soldering station

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A complete temperature controlled station which has been designed to be wall or bench mounted. The station is complete with a 50w lightweight industrial grade soldering iron which is supplied with silicone heat resistant cable. The temperature range is adjustable from 65 to 450 deg C. Mains power and iron power are indicated by LEDs. Fitted with a 2.3mm bit. For replacement bits see the CS range.



Type	Order code	Price each	
		1-4	5+
660TC soldering station	170-060	£84.50	£79.95
TC50 iron	170-062	£21.75	£21.15

## Silicon rubber cable

Antex

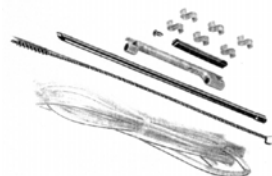


Silicon rubber heat proof cable supplied in 1.5m lengths with both ends prepared for replacement of pvc cable.

Type	Order code	Price per length	
		1-4	5+
Silicon rubber cable	170-014	£4.15	£3.85

## Fume extraction

Antex



Under the Control of Substances Hazardous to Health (C.O.S.H.H.) regulations, legislation exists to protect users and others in the work vicinity from harm caused by an unclean environment. Solder and its associated fluxes contain many substances which in their particulate or gaseous state can be harmful to health. The most positive and safest action in regard to soldering, is to remove the harmful gases and suspensions of impurities at the point of creation, ie at the point of soldering. The fume extraction upgrade kit allows most Antex soldering irons to be easily converted for connection to a fume extraction pump and filter system.

Type	Order code	Price each		
		1-4	5-9	10+
Fume extraction upgrade kit	170-050	£8.60	£8.25	£7.80
Fume extraction (10 iron pack)	170-051	£57.90		

## Lead free iron tips

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A range of iron tips for use with lead free solder. These tips are designed to overcome the erosion of the plating due to lead free solder being more aggressive.

Type	Order code	Price each		
		1-4	5-9	10+
CS bit 1105L 0.5mm	170-052	£2.55	£2.49	£2.34
CS bit 1100L 2.3mm	170-053	£2.55	£2.49	£2.34
CS bit 1101L 3.00mm	170-054	£2.55	£2.49	£2.34
XS bit 55L 0.5mm	170-055	£2.55	£2.49	£2.39
XS bit 50L 2.3mm	170-056	£2.55	£2.49	£2.39
XS bit 51L 3.0mm	170-057	£2.55	£2.49	£2.39

## Toaster oven

A toaster oven that can be used for the soldering of surface mount components. Ideal for use in schools. The temperature can be set up to 240 deg C. Dimensions L 31 x W 21 x H 18.5 cm. Weight 2kg, 230 V, 50 Hz, 600 Watts.



Type	Order code	Price each
Toaster oven	170-075	£19.90

## Lead free solder

The ultimate in environmental health. Manufactured in the UK from 96% tin, 3.5% silver and 0.5% copper. It is rosin free, halide-free and a flux content of 3%. Melting temperature 217 deg C. Supplied on 250g reels



Type	Order code	Price each
18swg Lead free solder 250g	170-166	£11.75
22swg Lead free solder 250g	170-167	£11.75

## Rosin free solder

## Warton

Omega Rosin free cored solder wire is a flux 'core' contained in Warton High Purity cored solder wire. Omega contains no rosin (colophony), resin acids, pine oil or other naturally occurring derivatives from pine trees and has been specifically designed to reduce the number of world-wide cases of industrial asthma, related to rosin usage within a cored solder wire.



Omega provides excellent wetting whilst leaving a minimal clear post soldering residue. Formulated without the use of halides and is supplied in 2% fast flow flux content. This solder is ideal for education as it will reduce the fumes in a classroom. Supplied on 500g reels, 26swg on 250g reels

Type	Order code	Price each	
		1-4	5+
Omega 18swg 2% solder	170-163	£10.40	£9.50
Omega 22swg 2% solder	170-162	£10.40	£9.90
Omega 26swg 250g 2% solder	170-176	£17.90	£15.90

## Lead free solder

## Mercury

High quality lead free solder. Metal content: 99.3% Sn (Tin), 0.7% Cu (Copper). Melting point: 227 degrees centigrade. Flux 2.2%



Type	Order code	Price each	
		1-4	5+
18swg lead free solder 250g	170-177	£9.90	£8.90
22swg lead free solder 250g	170-178	£9.90	£8.90

## Low fume solder

## Warton

"Future HF" is a no clean cored high purity solder. It is halide-free 2% flux, 63% tin, 37% lead fast flow solder manufactured in the UK. No offensive odours are created during the soldering process. This solder exhibits the absolute minimum of clear residue after soldering. Supplied on 500g reels



Type	Order code	Price each
22swg Low fume solder 500g	170-165	£9.25

## Lead free solder

## Antex



A new range of lead-free solders supplied by Antex in handy dispensers. The 0.8mm wire is easy to use, quick melting, and ideal for use on micro electronics, fine wires, and most other electrical and electronic soldering operations. The silver content solder provides the added benefit of a lower melting point and a low resistance solder joint. Supplied in 2 or 4m lengths, and on a 100g reel. Approx 21swg. RoHS compliant.

Type	Order code	Price each		
		1-4	5-9	10+
2M silver solder in tube	170-170	£1.05	£0.94	£0.88
4M silver solder in tube	170-171	£1.44	£1.35	£1.24
100g silver solder reel	170-172	£3.79	£3.49	£3.29
2M copper solder in tube	170-173	£1.04	£0.91	£0.85
4M copper solder in tube	170-174	£1.42	£1.29	£1.19
100g copper solder in tube	170-175	£3.30	£3.15	£2.90

## High purity solder bar

High grade 63/37 solder alloy with high purity levels manufactured in the UK



Type	Order code	Price each
63/37 bar solder 0.5kg	170-168	£7.50
63/37 bar solder 1kg	170-169	£15.00

## Omega

## Tapered nozzle

## Jensen

*new*



Type	Order code	Price each
24swg tapered nozzle 1.25N	170-185	£0.25

## Solder paste

Microprint P2004 No clean solder paste for use with surface mount components. Microprint P2004 no clean is tested in accordance with J-STD-004 (Type ROL1). Type L1 (Halide 0.48%). Alloy: Sn62 Sn61.5-62.5, Ag1.8-2.2 Pb Remainder Metal %: 87% Particle Size: 20-38 Melting Point: 179 Degrees C. Packaged: 0.040Kg syringe (40g)



Type	Order code	Price each
Solder paste 40g	170-179	£9.50

## Warton

## Syringe

Disposable 3cc luer lock manual syringe is fully assembled and has calibrations to help the user gauge how much material is being dispensed

*new*



Type	Order code	Price each
3ml Syringe	170-186	£0.26

## Desolder braid

Solda-Mop is a specially impregnated wick used for desoldering electronic and electrical connections quickly, safely and efficiently. When used leaves a clean joint ready for resoldering. Supplied on 1.5m reels.



Type	Order code	Price each
Desolder braid	170-210	£0.79

## Servisol

## Desolder pump

A high quality desolder pump with double "o" ring washers for increased suction. Teflon nozzle removeable for cleaning or replacement. Overall length 200mm. Dia. 20mm.



Lightweight and easy to use.

Type	Order code	Price each
Desolder pump	170-190	£1.49
Replacement nozzle	170-191	£0.39