

# ANTEX



**70 YEARS IN SOLDERING**

# ANTEX PRECISION RANGE

The Antex Precision range has been continually developed over 70 years by Antex in the UK. The soldering irons are signified by the traditional Antex yellow and black colours and manufactured to the highest standards in our factories both in the UK and overseas.

## The Precision range soldering irons offer the following features:-

- Large range of replacement tips
- Long life iron plated tips
- Robust ergonomic handles
- Many voltage options available
- Choice of PVC or burn-proof silicone cables
- Large range of spares available. For example, elements, cables handles etc.

The Precision range is designed to compete with the major OEM brands available and exceeds the quality and features available from many of our competitors.

### STANDS FOR SOLDERING IRONS



### SOLDERING IRONS



### SOLDERING STATIONS



### GAS IRONS



# M12 SOLDERING IRON

- Ergonomic miniature handle
- Iron plated, nickel coated bit for long life
- Upto 20,000 operations tip life
- 11 replacement tips in range
- Choice of Burnproof Silicone cable or standard pvc cable
- Voltages from 12 - 230VAC available



Replacement Bits - MK2



Replacement Element



Safety Stand ST6A

## SPECIFICATIONS

Voltage	230, 115, 24, 12
Temperature	370°C
Power	12W
Leakage current	1.5 µA
Fitted bit	10 (0.5mm)
Cable types	PVC or Silicone
Cable Length	1.5 mtr
Plug	UK, EU, USA
Dims (Tip to handle)	147mm

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity
- Thermally balanced

## C15 SOLDERING IRON

- Ergonomic miniature handle
- Iron plated, nickel coated bit for long life
- Upto 20,000 operations tip life
- 11 replacement tips in range
- Choice of Burnproof Silicone cable or standard pvc cable
- Voltages from 12 - 230VAC available



### SPECIFICATIONS

Voltage	230, 115, 24, 12
Temperature	370°C
Power	15W
Leakage current	3.5 $\mu$ A
Fitted bit	820 (2.3mm)
Cable types	PVC or Silicone
Cable Length	1.5 mtr
Plug	UK, EU, USA
Dims (Tip to handle)	147mm

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity
- Thermally balanced



Replacement Bits - MK2 series



Replacement Element



Safety Stand ST6A

## CS18 SOLDERING IRON

- Ergonomic handle
- Iron plated, nickel coated bit for long life
- Upto 30,000 operations tip life
- 9 replacement tips in range
- Choice of Burnproof Silicone cable or standard pvc cable
- Voltages from 12 - 230VAC available



### SPECIFICATIONS

Voltage	230, 115, 24, 12
Temperature	390°C
Power	18W
Leakage current	1.5 $\mu$ A
Fitted bit	1100 (2.3mm)
Cable types	PVC or Silicone
Cable Length	1.5 mtr
Plug	UK, EU, USA
Dims (Tip to handle)	182mm

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity
- Thermally balanced
- Easy change shimmed bits



Replacement Bits - 1100 series



Replacement Element



Safety Stand ST6A



# XS25 SOLDERING IRON

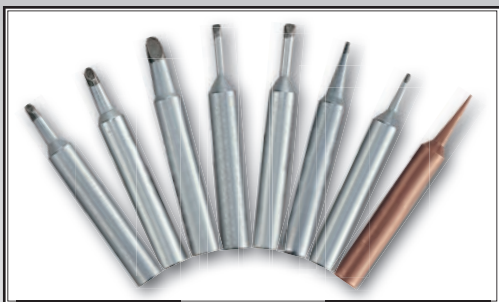
- Ergonomic handle
- Iron plated, nickel coated bit for long life
- Upto 30,000 operations tip life
- 8 replacement tips in range
- Choice of Burnproof Silicone cable or standard pvc cable
- Voltages from 12 - 230VAC available



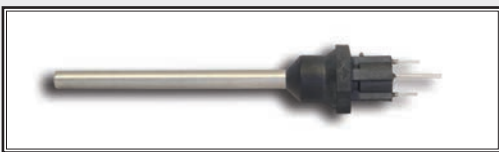
## SPECIFICATIONS

Voltage	230, 115, 24, 12
Temperature	390°C
Power	25W
Leakage current	2.0 µA
Fitted bit	50 (2.3mm)
Cable types	PVC or Silicone
Cable Length	1.5 mtr
Plug	UK, EU, USA
Dims (Tip to handle)	200mm

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity
- Thermally balanced
- Easy change shimmed bits



Replacement Bits - XS series



Replacement Element



Safety Stand ST6A

# TCS 50W DIGITAL SOLDERING IRON

- Ergonomic handle
- Temperature controlled
- Digital display
- Easy button operated temperature adjustment
- Range adjustable from 200°C - 450°C
- Iron plated, nickel coated bit for long life
- Upto 30,000 operations tip life
- 9 replacement tips in range
- Burnproof Silicone cable fitted as standard



## SPECIFICATIONS

Voltage	230
Temperature	200°C - 450°C
Power	50W
Leakage current	5.0 µA
Fitted bit	1100 (2.3mm)
Cable types	Silicone
Cable Length	1.5 mtr
Plug	UK, EU
Dims (Tip to handle)	235mm

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity
- Easy change shimmed bits



Replacement Bits - 1100 series



Safety Stand ST6A

## 660A ANALOGUE SOLDERING STATION

- TC50A Industrial grade Soldering iron (50W)
- Temperature controlled
- Rotary temperature adjustment
- Range adjustable from 200°C - 450°C
- Sensor close to tip for fast response times
- Iron plated, nickel coated bits for long life
- Upto 30,000 operations tip life
- 9 replacement tips in range
- Burnproof Silicone cable fitted as standard
- Robust metal enclosure
- LED temperature indication
- Power on indication
- Iron voltage 24V
- ST6A stand included



### SPECIFICATIONS

Voltage	230VAC
Temperature	200°C - 450°C
Stability	+/- 2°C No load
Temp rise time (350°C)	55 secs
Power	50W
Leakage current	2.0 $\mu$ A
Fitted bit	1100 (2.3mm)
Cable type	Silicone
Cable Length	1.5 mtr
Plug	UK, EU
Dims (Tip to handle)	182mm

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity
- Easy change shimmed bits
- Fume extraction kit available separately



Replacement Bits - 1100 series



Safety Stand ST6A

## 690D DIGITAL SOLDERING STATION

- TC50A Industrial grade Soldering iron (50W)
- Temperature controlled
- Digital temperature display
- Push button range adjustable from 200°C - 450°C
- Sensor close to tip for fast response times
- Iron plated, nickel coated bits for long life
- Upto 30,000 operations tip life
- 9 replacement tips in range
- Burnproof Silicone cable fitted as standard
- Robust metal enclosure
- LED temperature indication
- Power on indication
- Iron voltage 24V
- ST6A stand included



### SPECIFICATIONS

Voltage	230VAC
Temperature	200°C - 450°C
Stability	+/- 2°C No load
Temp rise time (350°C)	55 secs
Power	50W
Leakage current	2.0 $\mu$ A
Fitted bit	1100 (2.3mm)
Cable type	Silicone
Cable Length	1.5 mtr
Plug	UK, EU
Dims (Tip to handle)	182mm

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity
- Easy change shimmed bits
- Fume extraction kit available separately



Replacement Bits - 1100 series



Safety Stand ST6A



## 760RWK DIGITAL SOLDERING & HOT AIR REWORK STATION

- TC50A Industrial grade Soldering iron (50W)
- Temperature controlled
- Digital temperature display
- Push button range adjustable from 200°C - 450°C
- Sensor close to tip for fast response times
- Iron plated, nickel coated bits for long life
- Upto 30,000 operations tip life
- 9 replacement tips in range
- Burnproof Silicone cable fitted as standard
- Robust metal enclosure
- LED temperature indication
- Power on indication
- Iron voltage 24V
- ST6A stand included
- 2 x Hot-Air nozzles included
- Station switchable between Soldering and Hot air control



### SPECIFICATION - STATION

Voltage	230VAC
Temperature	200°C - 450°C
Stability	+/- 2°C No load
Temp rise time (350°C)	55 secs
Power	50W
Leakage current	2.0 $\mu$ A
Fitted bit	1100 (2.3mm)
Cable type	Silicone
Cable Length	1.5 mtr
Plug	UK, EU
Dims (Tip to handle)	182mm

### SPECIFICATION – HOT AIR REWORK

Power max	700W
Temperature	100°C - 500°C
Handle length	240mm
Handle weight	180g

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity
- Easy change shimmed bits
- Fume extraction kit available separately



Replacement Bits - 1100 series



Replacement Nozzles



Safety Stand ST6A

## GASCAT 60 SOLDERING IRON

- Butane gas powered
- Soldering tip fitted
- Flintwheel Ignition
- Refillable with butane gas lighter fuel
- 1 hour (approx) run time between refills
- Safety OFF switch
- Temperature adjustable on the body of the tool
- Multifunction tool (with tips available separately)
- CE approved



Replacement Tips available



Gas Toolkit

### SPECIFICATIONS – GAS TOOL

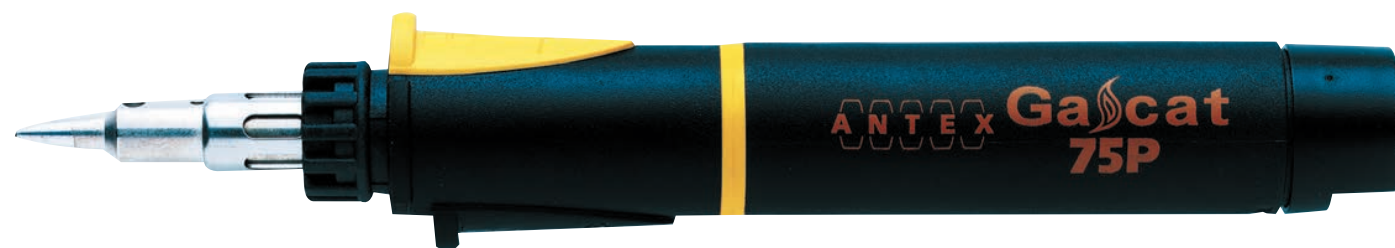
Supply	Butane gas
Temperature	400°C
Power	60W
Refill time	10 secs
Fitted bit	2.4mm
Ignitor life	1000 cycles
Weight	60g
Dims (Tip to handle)	177mm

### SPECIFICATIONS – GAS TOOLKIT (as above +)

Tip	Hot knife
Tip	Hot air blow
Tip	Flame
Tray and cleaning sponge	
Robust plastic case	

## GASCAT 75P SOLDERING IRON

- Butane gas powered
- Soldering tip fitted
- Peizo Ignition
- Refillable with butane gas lighter fuel
- 90 mins (approx) run time between refills
- Safety OFF switch
- Temperature adjustable on the body of the tool
- Multifunction tool (with tips available separately)
- CE approved



### SPECIFICATIONS – GAS TOOL

Supply	Butane gas
Temperature(Max)	580°C
Power	15-75W adjustable
Refill time	15 secs
Fitted bit	2.4mm
Ignitor life	1000 cycles
Weight	80g
Dims (Tip to handle)	177mm

### SPECIFICATIONS – GAS TOOLKIT (as above +)

Tip	Hot knife
Tip	Hot air blow
Tip	Flame
Hot air deflector for heatshrinking	
Tray and cleaning sponge	
Robust plastic case	



Replacement Tips available



Gas Toolkit

## GASCAT 120P SOLDERING IRON

- Butane gas powered
- Soldering tip fitted
- Peizo Ignition
- Refillable with butane gas lighter fuel
- 2Hrs (approx) run time between refills
- Safety OFF switch
- Temperature adjustable on the body of the tool
- Multifunction tool (with tips available separately)
- CE approved



### SPECIFICATIONS - GAS TOOL

Supply	Butane gas
Temperature(Max)	580°C
Power	25-120W adjustable
Refill time	30 secs
Fitted bit	2.4mm
Ignitor life	1000 cycles
Weight	165g
Dims (Tip to handle)	233mm

### SPECIFICATIONS – GAS TOOLKIT (as above +)

Tips	2.4mm & 4.8mm
Tip	Hot knife
Tip	Hot air blow
Tip	Flame
Hot air deflector for heatshrinking	
Tray and cleaning sponge	
Robust plastic case	



Replacement Tips available



Gas Toolkit



## RECHARGEABLE BATTERY POWERED SOLDERING IRON

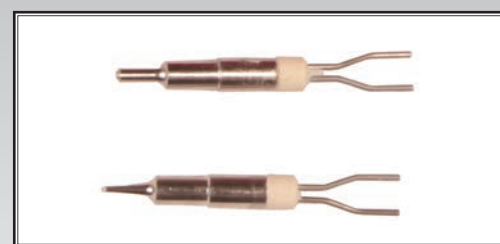
- Rechargeable nickel cadmium battery
- Heats up in 10 seconds
- Upto 350 soldering operations per charge
- Long life tip fitted
- Light fittings attachable to illuminate work area
- Safety switch prevents accidental operation
- Power ON illumination



### SPECIFICATIONS

Voltage	230VAC charger
Temperature	350°C
Power	35W
Fitted bit	1.0mm
Weight	160g
Plug	UK, EU
Dims (Tip to handle)	220mm

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity
- VDE approved



Replacement Bits available



Requires mains charger

## SOLDERING IRON STANDS

### ST4

- General purpose soldering iron stand
- Use with Antex M,C,G,CS & XS irons
- Can be fastened to workbench for added security
- Replacement sponges are available



### ST6A

- Industrial styled bench stand
- Use with Antex M,C,G,CS,XS, TCS & TC50 irons
- Slip resistant feet included
- Ballast weight for added stability
- Can be fastened to workbench for added security
- Slot in stand allows use with fume extraction tubes
- Design helps handle stay cool when in stand
- Replacement sponges are available





# ANTEX 'LITE' RANGE

The Antex 'Lite' range has been developed for customers who do not require too many additional features and may only be requiring a soldering tool for occasional work.

The Lite range soldering irons feature a striking blue handle and are designed to compete with many of the non OEM branded products currently available.

The range is manufactured and tested to the highest standards and exceeds the standards of many of the competitor irons available. The aim is to offer a budget iron whilst maintaining the quality expected from the Antex brand.

## The 'Lite' range key features are as follows:-

- A choice of 2 replacement bits available per iron
- Standard nickel plated bits
- 230V UK and European plugs styles available
- PVC cable fitted as standard
- Metal safety stand included with each iron

STAND FOR LITE IRONS



LITE SOLDERING IRON



LITE SOLDERING STATION



LITE GAS IRON



LITE BATTERY POWERED IRON



# ANTEX LITE SOLDERING IRON RANGE

- Impact resistant handle
- Nickel coated copper bit
- Replacement soldering bits available
- Thermally balanced
- PVC cable
- Metal sheet stand included



## SPECIFICATIONS

Model	POWER	BIT SIZE	TEMP °C
HP15	15W	3.5mm	320
HP30	30W	4.0mm	430
HP40	40W	5.0mm	470
HP80	80W	7.0mm	530
HP100	100W	8.0mm	560

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity



Replacement Tips available



Safety Stand

# ANTEX LITE SOLDERING STATION

- 230V Soldering iron included
- Rotary temperature adjustment
- Range adjustable from 200°C - 450°C
- Nickel coated bit
- PVC cable
- Power on indication
- Iron voltage 24V
- Stand included



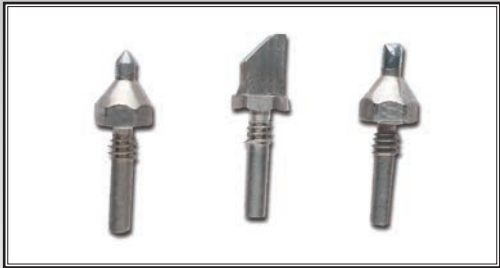
## SPECIFICATIONS

Voltage	230VAC
Power	50W
Fitted bit	3mm
Cable type	PVC
Cable Length	1.5 mtr
Plug	UK, EU

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity

# ANTEX LITE GAS IRON

- Butane gas powered
- Soldering tip fitted
- Flintwheel Ignition
- Refillable with butane gas lighter fuel
- 45 mins (approx) run time between refills
- Safety OFF switch
- Fixed temperature
- CE approved



Replacement Tips available



Gas Toolkit

## SPECIFICATIONS - GAS TOOL

Supply	Butane gas
Temperature	375°C
Power	40W
Refill time	10 secs
Fitted bit	3.2mm
Ignitor life	1000 cycles
Weight	60g
Dims (Tip to handle)	196mm

## SPECIFICATIONS – GAS TOOLKIT (as above +)

Tip	3.2 mm fitted
Tip	4.8mm
Tip	Hot knife
Tray and cleaning sponge	
Robust plastic case	



# ANTEX LITE BATTERY POWERED SOLDERING IRON

- Uses 3 x AA alkaline batteries
- On/Off switch
- Safety cap switches tool off when fitted
- Rubberised grip
- Supplied with spare tip and solder
- Tip replacement tool included
- Power ON illumination
- CE & EMC Low Voltage directive conformity



## SPECIFICATIONS

Voltage	4.5V
Temperature	450°C
Power	6W
Fitted bit	1.0mm
Weight (with batteries)	115g
Dims (Tip to handle)	170mm



Replacement Bits available

# STAND FOR ANTEX LITE IRONS

- General purpose soldering iron stand
- Use with Antex Lite irons
- Robust metal base
- Heat resistant plastic bezel
- Replacement sponges are available



# HIGH POWER SOLDERING IRONS

## S RANGE

- Wooden handle
- Nickel coated copper bit
- Large thermal capacity
- Thermally balanced
- Standard (ST), Angled (SR), & Hatchet (SH) versions available
- Heavy duty flexible rubber power cable



SPECIFICATIONS					
Model	POWER	BIT SIZE	TEMP °C	LENGTH (mm)	WEIGHT (g)
ST20	200	19	430	340	850
ST25	250	19	460	340	850
ST32	325	22	510	340	1030
ST45	450	32	420	410	1615
ST50	500	32	470	410	1615
SR25A	250	19	450	324 (250)	900
SR32A	325	22	460	330 (260)	1030
SR45A	450	32	480	355 (270)	1615
SR50A	500	32	500	355 (270)	1615
SH25	250	19	450	324 (250)	900
SH32	325	22	460	330 (260)	1030
SH45	450	32	480	355 (270)	1615
SH50	500	32	500	355 (270)	1615

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity



Angled (SR)      Standard (ST)

# HIGH POWER SOLDERING IRONS

## KB RANGE

- Handle incorporates ON/OFF switch
- Plain copper bit
- Large thermal capacity
- Heavy duty flexible rubber power cable



Replacement Tips available

SPECIFICATIONS			
Model	POWER	BIT SIZE	TEMP °C
KB-200	200W	19	430
KB-300	300W	19	470
KB-500	500W	22	510

- Manufactured to Din EN 60335-2-45
- CE & EMC Low Voltage directive conformity




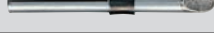

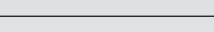
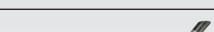
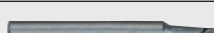





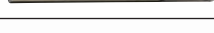

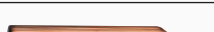


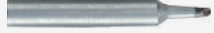

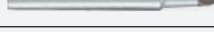
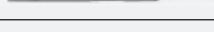




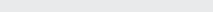


## REPLACEMENT BITS FOR ANTEX PRECISION RANGE

Only Antex bits should be used on Antex soldering irons. They have been specifically designed to match the power output of the heating elements. Never apply power to an iron without a bit fitted.

Antex replacement bits are manufactured from high grade copper, plated first with iron and then nickel to give a longer working life. Never file an Antex bit as this will reduce the working life.

- When replacing an Antex bit, first switch off the iron, then attach the new bit.
- Switch on the power and apply solder to the bit as it heats up for the first time.
- When you have finished using the soldering iron, always place the iron in a safety stand. (ST4 or ST6A)
- Leave a little residue of solder on the bit. This will reduce oxidation of the tip and ensure a longer bit life.
- Wipe the bit on a clean damp sponge and apply fresh solder before re-use.

Ref	Profile	Tip ø mm	Use On
10		0.5	M, C & TC25
102		2.3	M, C & TC25
103		4.0	M, C & TC25
104		4.7	M, C & TC25
106		1.0	M, C & TC25
107		0.12	M, C & TC25
202		2.3	M, C & TC25
302		2.3	M, C & TC25
820		2.3	M, C & TC25
821		3.0	M, C & TC25
822		4.7	M, C & TC25
1100		2.3	CS, TCS & TC50
1101		3.0	CS, TCS & TC50
1102		4.7	CS, TCS & TC50
1103		6.0	CS, TCS & TC50
1105		0.5	CS, TCS & TC50
1106		1.0	CS, TCS & TC50
1107		0.12	CS, TCS & TC50
1108		3.0	CS, TCS & TC50
1109		5.0	CS, TCS & TC50
50		2.3	XS
51		3.0	XS
52		4.7	XS
53		2.3	XS
54		3.0	XS
55		0.5	XS
56		1.0	XS
57		0.12	XS

## REPLACEMENT ELEMENTS FOR ANTEX PRECISION IRONS

Replacement elements are available for all Antex Precision range irons



M12



C15



CS18



XS25



TCS 50W



Iron	Element p/no	Voltage
M series Irons	M230E	230 volts
	M115E	115 volts
	M24E	24 volts
	M12E	12 volts
C series Irons	C230E	230 volts
	C115E	115 volts
	C24E	24 volts
	C12E	12 volts
CS series Irons	CS230E	230 volts
	CS115E	115 volts
	CS24E	24 volts
	CS12E	12 volts
XS series Irons	XS230E	230 volts
	XS115E	115 volts
	XS50E	50 volts
	XS24E	24 volts
	XS12E	12 volts
TC series Irons	TC25E	24 volts, 25 watts
	TC50E	24 volts, 50 watts
	TCS230E	230 volts, 50 watts



## SOLDERING ACCESSORIES

Antex offer a complete range of soldering accessories



Cutters



Tip Tinner



Pliers



Replacement Sponges



Toolkits



Leadfree Solder



Desoldering Pumps



Fume Extraction Products



Solder Pots



Contact  
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