



C A T a L O G U E

**CLASSIC**  
SERIES



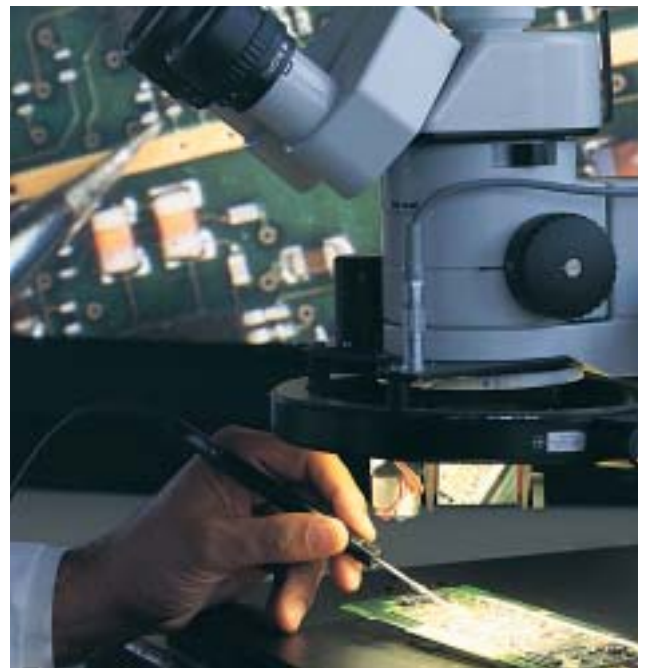
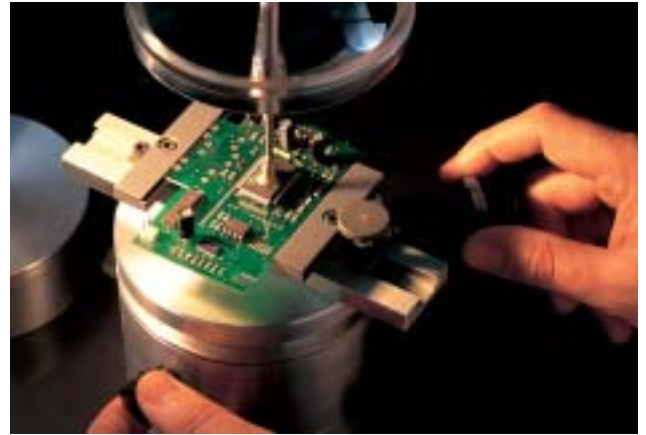
# THE STRENGTH OF EXPERIENCE

Ever since 1929, JBC's sole aim has been to leave no stone unturned in striving to satisfy its customers, for that is what our company is all about.

There is a JBC tool to deal with almost every need arising in professional electronics. We have a very wide and constantly evolving product range, and we are pleased to introduce you to it through this catalogue.

All the electrical equipment shown in this catalogue comply with all regarding European regulations. This is shown by the symbol **CE** that appears in all our products.

In order to have all the JBC complete range, please consult our catalogue ADVANCED series.



TOOLS FOR ELECTRONIC



# Summary Page

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Stations with UK denomination are supplied with 3 pin plug.  
According the BS specifications.



## Pencil series soldering and desoldering irons

The heating system used in the pencil-type soldering irons enables all the heat produced by the element to be utilized, and so rapid temperature recovery is achieved.

The wide range of long-life tips and matching accessories enables all kinds of electronics tasks to be carried out.

All the 230V UK and 230V pencil-type soldering irons are equipped with long-life tips and a PVC three-core cable and plug; they are officially approved models and comply with all the European standards.

### ST SOLDERING IRONS WITH HEAT-RESISTANT CABLES 230V

For all the range of pencil-type soldering irons there is also available the **ST** version that incorporates a thermo-resistant three-core cable instead of a PVC available for the **S** version.

2195040	14 ST	3305040	30 ST
3655040	65 ST	1325040	DST

( All models are 230V )

See page 16 for range of tips.

### 14 S 230V

**2195063 UK** soldering iron with B-05 D tip

**2192052** soldering iron with B-05 D tip

**9193079** 24V soldering iron without tip

#### Characteristics:

- Power: 24W
- Max. temperature: 340°C
- Time delay to 300°C: 2min 30s
- Weight without cable: 18,5g
- Total packaged: 100g



**30 S 230V**

- 3305067** UK soldering iron with R-10 D tip
- 3302056** soldering iron with R-10 D tip
- 9303074** 24V soldering iron without tip
- 9302300** 30S Kit. Soldering iron with R-10 D tip and holder

**Characteristics:**

- Power: 25W
- Max. temperature: 380°C
- Delay to 300°C: 2min 15s
- Weight without cable: 40g
- Total packaged: 120g



**65 S 230V**

- 3655065** UK soldering iron with R-20 D tip
- 3652054** soldering iron with R-20 D tip
- 9653072** 24V soldering iron without tip

**Characteristics:**

- Power: 32W
- Max. temperature: 440°C
- Delay to 300°C: 2min
- Weight without cable: 60g
- Total packaged: 150g



**DS DESOLDERING IRON 230V**

- 1325000** UK desoldering iron / 20 DE tip
- 1322056** desoldering iron / 20 DE tip
- 1323076** 24V desoldering iron / 20 DE tip

**Characteristics:**

- Power: 25W
- Max. temperature: 350°C
- Delay to 300°C: 5min
- Weight without cable: 105g
- Total packaged: 185g



# Analogue and Digital soldering stations

Temperature regulated high performance stations that allow all kind of soldering jobs. Ideal for repairing works, laboratories and production lines.

There are 8 types of stations and 2 types of control units: digital or analogical units that can be combined with 4 different soldering iron models.

The Control Units have a 24 V low voltage power supply and a control circuit with triac crossing rate.

The digital Control Units use a microprocessor that allows the 5 working programmable functions to be managed easily.

- Characteristics:**
- Safety transformer with mains separator 230V/24V 50Hz 60VA
  - Temperature range: 100...400°C
  - Temperature precision ±3%
  - The Control Unit box is antistatic, according to recommendations CECC 00015.
  - Terminal for equipotential connection.

## Function of the digital stations



**Temperature selection**  
Programming of two alternative temperature values.



**Economizer**  
Reduces the working temperature to 250°C after a period of inactivity adjustable from 1 to 99 minutes.



**Tip selection**  
Differences in temperature between the various tip models are compensated for.



**Password**  
Prevents the modification of the function programs by an unauthorized person.

Digital control unit



Analogue control unit



See page 16 for range of tips.

**LB 3200** 230V analogue ref 3200200  
**LB 3200 UK** 230V ref 3200201  
**LD 3100** 230V digital ref 3100200  
**LD 3100 UK** 230V ref 3100201

Analogue or digital soldering station with **20W** soldering iron.

**Composition:**

Analogue or digital control unit  
 0290110 Soldering iron stand  
 3000000 20W pencil soldering iron  
 with B-05 D tip  
 Total packaged weight: 2,4 kg

**IB 3210** 230V analogue ref 3210200  
**IB 3210 UK** 230V ref 3210201  
**ID 3110** 230V digital ref 3110200  
**ID 3110 UK** 230V ref 3110201

Analogue or digital soldering station with **50W** soldering iron.

**Composition:**

Analogue or digital control unit  
 0290100 Soldering iron stand  
 3010000 50W pencil soldering iron  
 with R-10 D tip  
 Total packaged weight: 2,5 kg

**TB 3220** 230V analogue ref 3220200  
**TB 3220 UK** 230V ref 3220201  
**TD 3120** 230V digital ref 3120200  
**TD 3120 UK** 230V ref 3120201

Analogue or digital soldering station with **60W** soldering iron.

**Composition:**

Analogue or digital control unit  
 0290120 Soldering iron stand  
 3020000 60W soldering iron  
 with C-20 D tip.  
 Total packaged weight: 2,6 kg

**SB 3240** 230V analogue ref 3240200  
**SB 3240 UK** 230V ref 3240201  
**SB 3240** 230V digital ref 3240200  
**SD 3140 UK** 230V ref 3140201

Analogue or digital soldering station with **70W** soldering iron.

**Composition:**

Analogue or digital control unit  
 0290100 Soldering iron stand  
 3070000 70W pencil soldering iron  
 with T-55 D tip  
 Total packaged weight: 2,5 kg



60 W soldering iron with a solder-feed system

50W and 70 W soldering iron

20W soldering iron



## Desoldering stations

This range is made of 2 different stations, one being only a desoldering station and the other a soldering and desoldering station used for the entire repairing process.

They enable the rapid desoldering of all kinds of through hole insertion components to be carried out with no risk of damaging printed circuits, due to the regulated temperature system.

Contains a vacuum pump and a vacuum gauge to measure the vacuum percentage pressure.

All the stations come complete with a tip extractor and cleaning tools. Instead of the desoldering iron, the 20W, 50W, 60W and 70W soldering irons can be connected to either of these stations.

See page 16 for range of tips.

**RA 5150 230V**  
**RA 5150 UK 230V**

ref 5150200  
ref 5150201

Soldering / desoldering station.

**Composition:**

5330201 Digital Control Unit.  
0290150 Desoldering iron stand  
0290100 Soldering iron stand  
3010000 **50W** sold. iron with R-10 D tip  
3040000 **75W** desold. iron with 20 DE tip  
Total packaged weight: 3,8 kg

**TA 5120 230V**  
**TA 5120 UK 230V**

ref 5120200  
ref 5120201

Desoldering station

**Composition:**

5230201 Analogue Control Unit.  
0290150 Desoldering iron stand  
3040000 **75W** desold. iron with 20 DE tip  
Total packaged weight: 2,6 kg

**Characteristics:**

- Safety transformer with mains separator 230V/24V 50Hz:  
RA 5150 power 135 VA  
TA 5120 power 75 VA
- Temperature range: 100...400°C
- Temperature precision ±5%
- The Control Unit box is antistatic, according to recommendations CECC 00015.
- Terminal for equipotential connection.



## Soldering irons with solder feed system

These soldering irons enable solder wire to be fed through as necessary, thus freeing the hand that normally holds the solder when soldering.

It allows you to increase the quantity of production and reduce costs. Essential for repetitive jobs and where a "third hand" is needed to hold the component when soldering.

The soldering irons are fitted with 50g reels of 1mm diameter 60/40 solder.

Solder feed from external high-capacity reels can be arranged.

Adjusted for solder wire of Ø 1mm

See soldering stations with a solder-feed system in page 8 and 9.

See page 16 for range of tips.



## PULSMATIC SOLDERING IRONS

**55 N 230 V** ref 2552016

**55 N UK 230 V** ref 2555092

**55 N 24 V** ref 9553074

### Characteristics:

Power: 33W  
Max. temperature: 410°C  
Delay to 300°C: 3min  
Supplied with C-20 D Tip  
Weight without cable: 228g  
Total packaged: 520g

Same characteristics as the soldering iron 55N 230V. Supplied without tip.

**0552315** Spare reel with 50 g of 1 mm diameter 60/40 solder in boxes of 10 units.

**IN 2100 230V** ref 2132058

**IN 2100 UK 230V** ref 2132100

## Fast soldering iron

It reaches its working temperature in just 25 seconds.

It is the ideal tool for on-site repairs, or when a quick and powerful heat source is required.

It is fitted with a spiral spring which acts as a protector for keeping the soldering iron hot, and as a support when working.

See page 16 for range of tips.

### Characteristics:

- Power supply 230V.
- Initial power 200W.
- Maintenance power 60W.
- Rapid heating to 200°C in approx 25 seconds.
- Supplied with T-20 Long-Life tip.
- Weight of soldering gun without cord 110g.
- Packaged weight 210g.



**SL 2020** 230V ref 2020200

**SL 2020** UK 30V ref 2020201

## Temperature controlled soldering iron

With a highly reliable temperature control system built into the handle.

Its size and weight are similar to those of a pencil soldering iron.

This soldering iron is complete in itself, with a three-pin mains plug and a heat resistant cable.

All its components are replaceable.

### Characteristics:

- Direct mains supply at 230V 50 Hz.
- Power: 40W
- Reserve power: 200W
- Temperature selection 100...400°C.
- Time to 300°C: 40 seconds.
- Fitted with R-10 D tip.
- Weight of soldering iron without cord: 70 g.

See page 16 for range of tips.



**SL 2300** 230V ref 2300200

**SL 2300** UK 230V ref 2300201

## Soldering station

General-purpose temperature-controlled station with the same specifications as the SL 2020, with a control unit in which the temperature-controlling electronic circuit is fitted, thus achieving a very easy-to-handle soldering station.

This station comes complete with a stand for the soldering iron.



### Characteristics:

- Direct mains 230V power supply.
- Power 40W
- Temperature selection: 100 to 400°C.
- Fitted with R-10 D tip
- US 1000 soldering-iron stand.
- Soldering-iron weight: 40g
- Total packaged weight: 2.5 kg

See page 16 for range of tips.



**DU 1191** ref 0119107  
**Desoldering pump**

With a great efficiency,, it delivers an absorption volume that is 50% higher than other such pumps.

One hand is all that is needed to operate it, since the loading system can be operated with just one finger (fig. 1) or by pressing down on any surface (fig. 2).

Replacement nozzle Ø 2.4 mm ref 0119560.



**Accessories for the pencil series**



ref 0110122 **DIL TIP**  
Special for desoldering "Dual in Line"16 PIN integrated circuits.

Adaptable to the pencil series soldering irons 30 S, SL 2020, SL 2300 and 50W

ref 0113522 **EXTRACTOR CLIP**  
Special for removing integrated circuits.

These two accessories are complementary.



ref 0111526 **SOLDER POT CR-1**  
Solder pot for small tinning jobs.  
Adaptable to the pencil series soldering irons 30 S, SL 2020, SL 2300 and 50W  
Tinning capacity: 1,58 cm<sup>3</sup>.  
Includes soldering iron stand.



ref 2211200  
ref 2211201

**PS 2211 230V**  
**PS 2211 UK 230V**

**POWER SUPPLY**

May be used as power supply for the complete range of 24V pencil soldering irons.

Power supply: 50VA / 24V.



ref 0345314

**FUME SUCTION ACCESORIES**

Adaptable to soldering irons:  
30 S, 65 S, SL 2020, SL 2300 and 50W

ref 0297410

Bushing for soldering iron stand (optional)



ref 0155317

Adaptable to soldering irons:  
14 S and 20W

ref 0297450

Bushing for soldering iron stand (optional)



ref 0555334

Adaptable to soldering irons:  
55 N and 60W

These accessories are fitted with 1.5 m of silicone tube and four clamps for fixing tube to soldering iron cord.



ref 0216937

**SPRING SH 83**

Allows the soldering iron to be stored after use in the tool box for soldering irons.

For the following soldering irons:  
30 S, 65 S, SL 2020, IN 2100, 50W and 70W



ref 0114108

**TIP INSERTER EXTRACTOR CLIP**

Tip changing accessory.

The different anchor points facilitate tip changing in all soldering and desoldering iron models.

## Soldering iron stands



ref 0290100

### US 1000

For soldering irons 30 S, 40 S, 65 S, SL 2020, SL 2300, 50W and 70W



ref 0290150

### UD 1500

For desoldering irons DS and 75W



ref 0290110

### LS 1100

For soldering irons 14 S and 20W



ref 0290120

### TS 1200

For soldering irons 55 N and 60W



ref 0290130

### MS 1300

For 5W soldering iron and Pick & Place suction pencil.



ref 0297705

### Metal brush



ref 0296657

### Spare sponge

Standard

ref 0296660

For the stand UD 1500.

ref 0296670

For the stand MS 1300.

**5W**

**Long-Life Soldering Tips Ref. D**

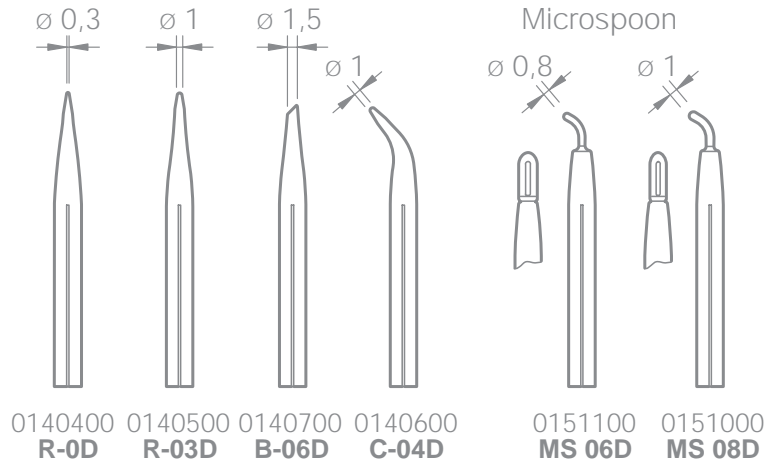
The tips are made of copper protected by various layers: iron, nickel and chromium, respectively, and they are also pretinned and ready for use.

With this treatment deformation and wear are thereby avoided. Its working life is equivalent to 20 copper tips.

**Desoldering Tip Types**

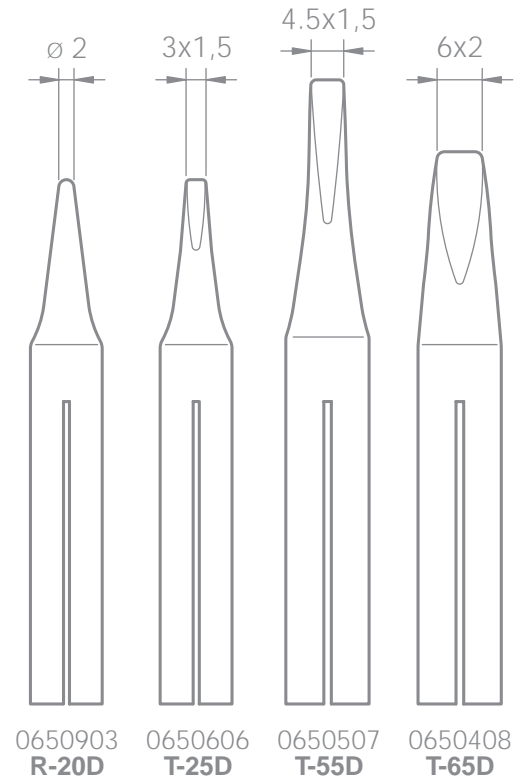
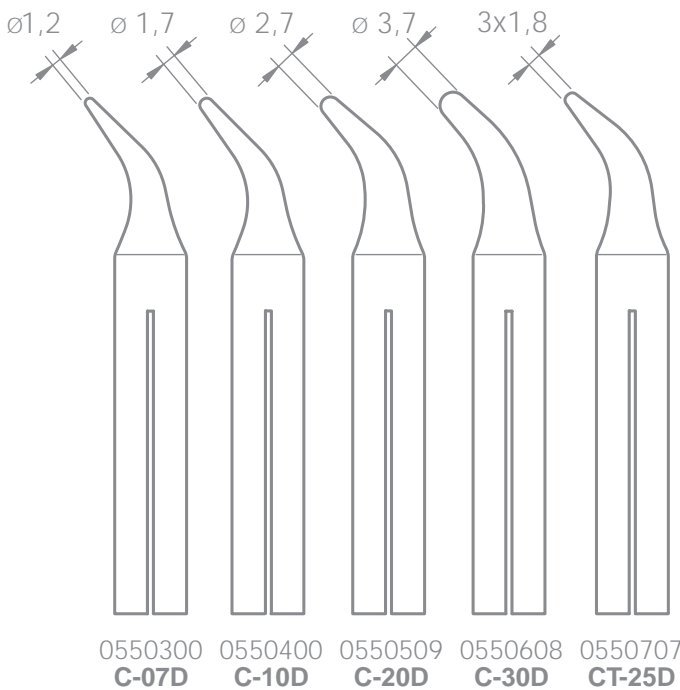
**High thermal performance Ref. HT:** This kind of tip has great heat-transmission capability, and thus greater speed in desoldering. They are not quite as durable as the armoured long-life type.

**Long-life Ref. DE:** These tips are heavily armoured inside and out. They are very durable, though with lower heat-transmission.

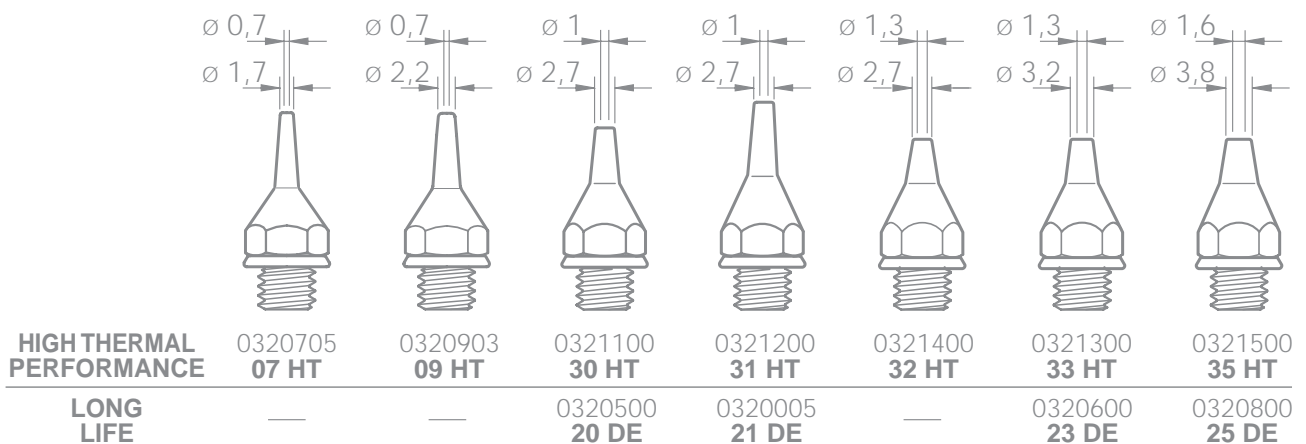


**65S, 70W**

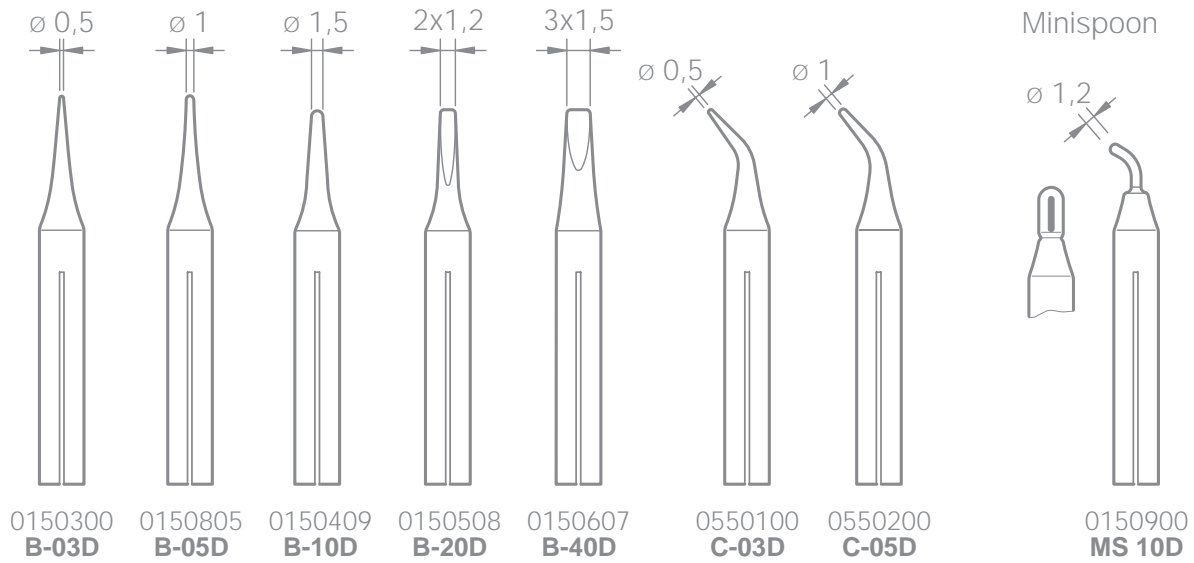
**32N, 55N, 60W**



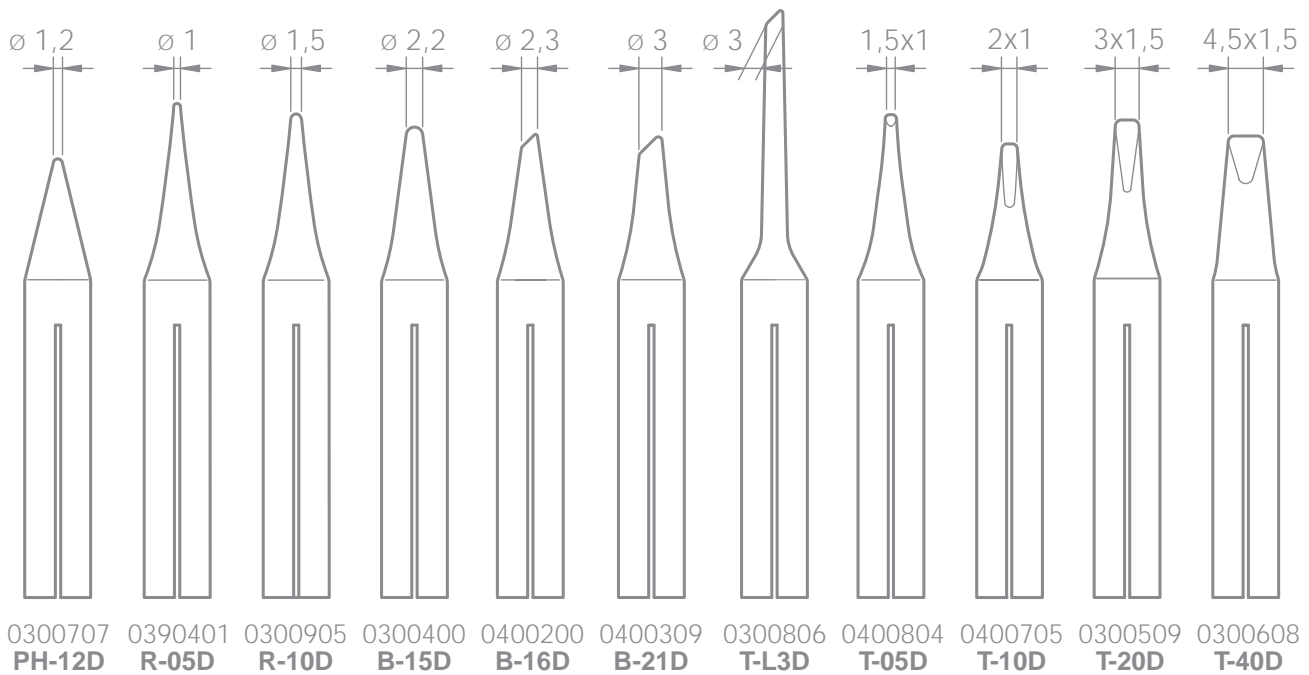
**DS, 75W**



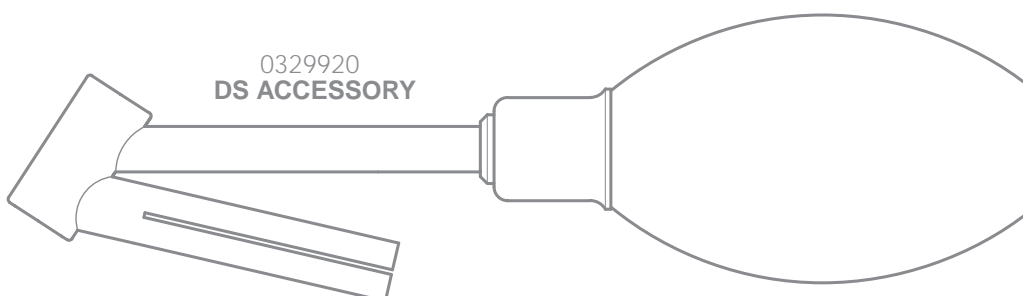
**14S, 20W**



**30S, 40S, SL 2020, SL 2300, IN 2100, 50W**



**30S, 40S, SL 2020, SL 2300, 50W**



Tips Scale 1:1



## Senior series soldering iron

These sturdily-built soldering irons are big in capacity and performance, and there are five power ratings to choose from.

They are ideal for working with electricity, power electronics, car electrics and general industrial tasks.

Can be supplied with cooper tip or with long life tip (LD).

They are supplied set for 230V, though other power settings are available to order.

Complete soldering iron with a thermo-resistant cable and a three-pin plug .

<b>50 S</b> 230V	ref 0502010
<b>50 S UK</b> 230V with cooper tip	ref 0502040
<b>50 S LD</b> 230V	ref 0502020
<b>50 S LD UK</b> 230V with long life tip	ref 0502030

**Characteristics:**

- Power: 70W
- Maximum temperature: 460°C
- Time to reach 325°C: 4,5min
- Copper tip 50: ref 0500108
- Long-Life tip (LD)  
50D: ref 0500405
- Soldering iron weight: 220g

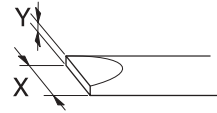
Tips	Ref.	X / Y
Long-Life tip 50D	0500405	7,5 / 2
Cooper tip 50	0500108	5,5 / 1,5

<b>80 S</b> 230V	ref 0802010
<b>80 S UK</b> 230V with cooper tip	ref 0802040
<b>80 S LD</b> 230V	ref 0802020
<b>80 S LD UK</b> 230V with long life tip	ref 0802030

**Characteristics:**

- Power: 95W
- Maximum temperature: 460°C
- Time to reach 325°C: 6min
- Copper tip 80: ref 0800102
- Long-Life tip (LD)  
80D: ref 0800409
- Soldering iron weight: 230g

Tips	Ref.	X / Y
Long-Life tip 80D	0800409	8,5 / 2
Cooper tip 80	0800102	7,5 / 1,5



**SS 7300** ref 0187300  
Stand

It can be used for all the senior soldering irons range, the straight ones as well as the hammer-shape ones.

Fitted with a sponge and a wire brush to simplify tip cleaning.



- 105 S 230V** ref 0102010
- 105 S UK 230V** ref 0102040
- with cooper tip
- 105 S LD 230V** ref 0102020
- 105 S LD UK 230V** ref 0102030
- with long life tip

**Characteristics:**

- Power: 105W
- Maximum temperature: 460°C
- Time to reach 325°C: 6min
- Copper tip 105: ref 0100107
- Long-Life tip (LD)
- 105D: ref 0100404
- Soldering iron weight: 270g

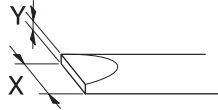
Tips	Ref.	X / Y
Long-Life tip 105D	0100404	13,5 / 5
Cooper tip 105	0100107	12 / 3

- 150 S 230V** ref 0182010
- 150 S UK 230V** ref 0182040
- with cooper tip
- 150 S LD 230V** ref 0182020
- 150 S LD UK 230V** ref 0182030
- with long life tip

**Characteristics:**

- Power: 150W
- Maximum temperature: 550°C
- Time to reach 325°C: 7min
- Copper tip 150: ref 0180140
- Long-Life tip (LD)
- 150D: ref 0180420
- Soldering iron weight: 445g

Tips	Ref.	X / Y
Long-Life tip 150D	0180420	16,5 / 5
Cooper tip 150	0180140	15 / 3



- 325 S 230V** ref 0352010
- 325 S UK 230V** ref 0352040
- with cooper tip
- 325 S LD 230V** ref 0352020
- 325 S LD UK 230V** ref 0352030
- with long life tip

**Characteristics:**

- Power: 300W
- Maximum temperature: 550°C
- Time to reach 325°C: 10min
- Copper tip 325: ref 0350160
- Long-Life tip (LD)
- 325D: ref 0350170
- Soldering iron weight: 1.140g

Tips	Ref.	X / Y
Long-Life tip 325D	0350170	26,5 / 7,5
Cooper tip 325	0350160	25 / 6



Soldering iron scale 1 : 2

## Shears and Tweezers for the Electronics

### Characteristics of the shears:

- Scissors type cutting action, makes the cutting easier and with a great smoothness.
- Steel with selective hardness treatment, which gives strength to the cutting edges and elasticity in the grips.
- Ergonomic grip. Covered with antiskid vinyl foam, pleasant to touch and designed for a most comfortable grip.
- Return spring. Unlimited life, very soft, makes the cutting easier.

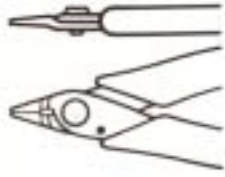
### Characteristics of the tweezers:

- Made from matt finished anti-acid, anti-magnetic stainless steel.
- Thanks to the tip design, they are well suited for both trough hole insertion components and SMDs.



## Shears

		ref 8001844	<b>270</b> Side cutting shears for soft wires up to 0.8 mm Ø. Total length: 126 mm Weight: 46 g
		ref 8001970	<b>270 AS</b> Antistatic version
		ref 8001877	<b>2175</b> Side cutting shears for soft wires up to 1.6 mm Ø. Total length: 149 mm Weight: 79 g
		ref 8001980	<b>2175 AS</b> Antistatic version
		ref 8001976	<b>140</b> Same as model 270, but made from special steel for extended life. Total length: 125 mm Weight: 42 g
		ref 8001984	<b>240</b> 55° angle cutting shears for soft wires up to 0.8 mm Ø Total length: 126 mm Weight: 43 g
		ref 8001992	<b>540</b> Very fine flat tip clip shears for precision jobs. Total length: 140 mm Weight: 50 g

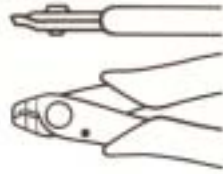


ref 8002008

**740**

Flat tip clip shears for general electronics use.

Total length: 128 mm  
Weight: 43 g



ref 8001802

**760**

Cutting and flattening shears, cuts and flattens soft wires up to 0.8 mm Ø

Total length: 125 mm  
Weight: 46 g

ref 8002925

**RETAINING CLIP**

Retains cut wire.  
Adaptable to models 270 and 140.

**Tweezers**



ref 8002099

**AA SA**

Tweezers for general use in electronics.

Length: 127 mm



ref 8002107

**OC SA**

Very fine-tipped tweezers.

Length: 90 mm



ref 8002115

**2A SA**

Round-tipped tweezers with large holding surface.

Length: 115 mm



ref 8002123

**3C SA**

Very fine-tipped tweezers for miniature jobs.

Length: 90 mm



ref 8002131

**5 SA**

Extrafine tip tweezers for facilitating field of view when handling SMD components.

Length: 90 mm



ref 8002149

**7 SA**

Curved tip tweezers for jobs requiring magnifying glass. They leave the field of view clear.

Length: 115 mm

## SG 1070 ref 0201070 Gas soldering iron

The regulated power, variety of tips and the three different working types allow you to carry out every single electronic job.

It is ideal for home repairs and wherever it is difficult to find electricity supply.

### Characteristics:

- Piezo-electric ignition.
- Gas regulation equivalent to a power range of 25...125W.
- Maximum temperature:
 

Soldering iron	580°C
Hot air	625°C
Mini-torch	1300°C
- Fuel: filtered butane gas.
- Transparent gas capsule.
- Gas capacity: 15 cm<sup>3</sup>
- Time between reloads: 2 hours at average power.
- Fitted with SF 2.4 tip.
- Empty weight: 150g



## Different working modalities for the SG 1070



**Soldering iron**  
8 tip models for carrying out all kinds of soldering in electronics work.  
Maximum temperature: 580 °C.

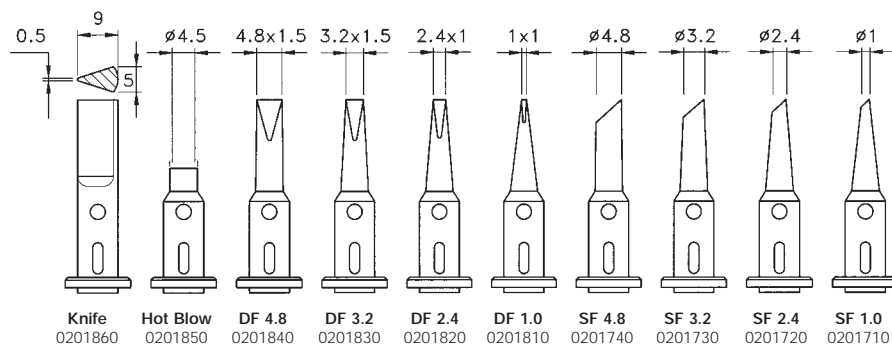


**Hot air**  
Capable of soldering and desoldering SMD ICs, plastics moulding, etc.  
Maximum temperature: 625 °C.



**Mini blow-torch**  
For soldering with silver alloys.  
Maximum temperature: 1300 °C.

### Compatible tips







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