Soldering station for electronics

MADE IN FRANCE

Micro-iron 1601 40 W
Very light for precision work under binoculars, SMD micro welding, etc.

Micro-iron 2101 95 W
Suitable for brazing lead-free alloys, through-hole components on multi-layer circuits.

Iron 2501 50 W
Traditional and universal for all electronic work

Iron 3401 100 W
Intended for high temperature welds, ground planes, connectors ...

Iron 3501 Buffalo 100 W

Brazing on large ground planes, on braid and for power components

Iron 3601 Buffalo 150 W

Set composed of:
→ 1 ESD thermoplastic control box
→ 1 soldering iron
→ 1 "long-lasting" lead-free treated tip (not included for the buffalo station)
→ 1 iron rest

Name soldering iron	Ref. iron alone	Ref. of the whole with control box	
		Without display	With display and data control
Micro-iron 1601 40 W Very light for precision work under binoculars, SMD micro welding, etc.	 1021001001	1010001020	1010001024
Micro-iron 2101 95 W Suitable for brazing lead-free alloys, through-hole components on multi-layer circuits.	 1021001025	1010001098	1010001095
Iron 2501 50 W Traditional and universal for all electronic work	 1021001005	1010001019	1010001022
Iron 3401 100 W Intended for high temperature welds, ground planes, connectors ...	 1021001006	1010001014	1010001016
Iron 3501 Buffalo 100 W & Iron 3601 Buffalo 150 W Brazing on large ground planes, on braid and for power components	 1021001007  1021001027	1010001036 /	1010001038 1010001104

NB: For the combined use of two irons, there is the dual thermoregulated station DUAL.

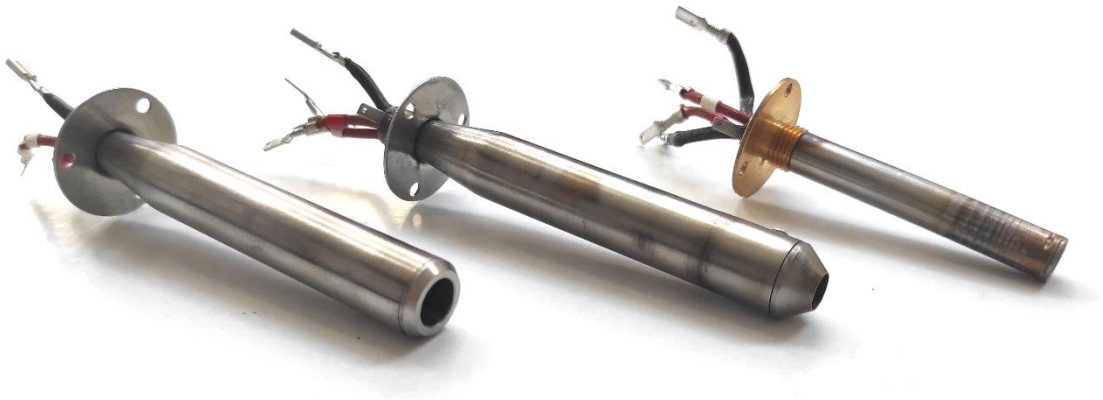
Les fers à souder

Our range of irons fully wound and assembled at our Nanterre site includes 6 thermoregulated models for soldering work.
For each electronic application, you can find the right iron in terms of ergonomics, heating power, type of tip, ...

All our irons have heating elements produced by winding resistive wire with non-contiguous turns. This technique guarantees optimum heat transfer by enveloping heating, a very rapid rise in heating and great temperature stability (+/- 3 ° C)

Precise regulation is achieved by a type K thermocouple located at the end of the heating element. Depending on the type of tip, an offset can be made to match the displayed temperature with the exact temperature at the end of the tip.

The excellent quality of the materials gives our irons a great longevity. Most of the parts constituting them are permanently available guaranteeing safety for the maintenance of the installations.



The regulation box

Technical characteristics of the control unit	
Power	50 W, 100 W ou 150 W
Power supply	220/240 V – 50/60 Hz
Output voltage	24 VAC
Isolation	4 kVAC

Wave train regulation
Antistatic treated material
ST6 type pilot microprocessor
Display of set temperature and actual temperature (for DC version)
Regulation accuracy of +/- 2 ° C
LED regulation visualization
Socket for earthing
Detachable mains cable
Non-combustible, flexible and antistatic iron cord

Additional characteristics of the stations in Data Control (DC) version

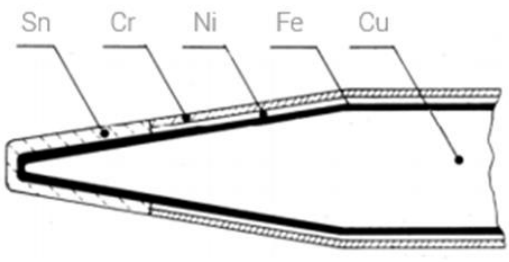
DC version stations have the option of going to half power after ¼ hour and then shutdown after 1 hour without use. The temperature can be programmed and locked with a code.
Adjustable offset allowing the exact coincidence of the programmed temperature and that of the tip of the tip.

Digital display
Alternating setpoint temperature / actual temperature

Tips

A wide choice of "long-lasting" treated copper tips compatible with lead-free alloys. Care must be taken to limit the operating temperatures in order to protect the tin and the fluxes used to prolong the life of the tip

Details of "long-term" treatment



Sn = Tin

Cr = Chromium

Ni = Nickel

Fe = Iron

Cu = Copper

Tips for micro-iron 1601 40W

Ø sheath 3,3 mm – L 15 mm

Conical type - 0.3mm point
Ref. 1051001025 *

Fine conical type - 0.3mm point
Ref. 1051001024

Needle type - 0.3 mm point
Ref. 1051001026

Conical type - 0,9 mm point
Ref. 1051001028

Screwdriver type - 1.6 mm point
Ref. 1051001030

Double conical type - 0,3 mm point
Ref. 1051001074

** Standard tip supplied with the micro-iron 1601 40W*

Tips for micro-iron 2101 95W & iron 2501 50W

Ø sheath 5 mm – L 15 mm / 18 mm / 21 mm

Conical type - 0,3 mm point
L 15 mm - Ref. 1051001064 *

Needle type - 0,3 mm point
L 15 mm - Ref. 1051001065

Screwdriver type - 1,0 mm point
L 15 mm - Ref. 1051001063

Screwdriver type - 1,6 mm point
L 15 mm - Ref. 1051001062

Screwdriver type - 2,6 mm point
L 15 mm - Ref. 1051001066

Screwdriver type - 4,6 mm point
L 18 mm - Ref. 1051001058

Screwdriver type - 1,6 mm point
L 21 mm - Ref. 1051001003 **

Screwdriver type - 2,5 mm point
L 21 mm - Ref. 1051001004

Screwdriver type - 3,5 mm point
L 21 mm - Ref. 1051001005

Conical type - 0,5 mm point
L 21 mm - Ref. 1051001006

Conical whistle type - 1,8 mm point
L 21 mm - Ref. 1051001007

** Standard tip supplied with the micro-iron 2101 95W*
*** Standard tip supplied with the iron 2501 50W*

Tips for iron 3401 100W

Ø sheath 6 mm

Screwdriver type - 2,6 mm point
Straight - Ref. 1051001041 *

Screwdriver type - 2,6 mm point
Curve - Ref. 1051001042

Screwdriver type - 1,6 mm point
Droite - Ref. 1051001043

Screwdriver type – 0,8 mm point
Straight - Ref. 1051001045

Screwdriver type - 4,6 mm point
Straight - Ref. 1051001046 *

** Standard tip supplied with the iron 3401 100W*

Tips for buffalo iron 3501 100W et buffalo iron 3601 150W

Ø sheath 8 mm – L 35 mm

3 mm point
Ref. 1051001018

5 mm point
Ref. 1051001019

8 mm point
Ref. 1051001020

Tips sold separately from irons

The iron rest

- √ Weighted bakelite base, with non-slip pads
- √ Can be fixed on the station
- √ Lacquered spring
- √ Teflon or thermoset guide ring
- √ Cleaning sponge