

Traditionnal soldering station



FTM Technologies
Manufacturer of the brand



In this range, a set is composed of :

- ✓ 1 ESD thermoplastic control box
- ✓ 1 soldering iron (40 to 150 Watts)
- ✓ 1 iron rest
- ✓ 1 "high-yield" treated lead-free tip

Technical data of the control box	
Power	50 W, 100 W or 150 W
Mains supply	220/240 V – 50/60 Hz
Output voltage	24 VAC
Isolation	4 kVAC
Wave train regulation Antistatic treated material Pilot microprocessor type ST6 Display of programmed temperature and actual temperature (DC version) Regulation accuracy of +/-2°C Visualization of the regulation by led Grounding socket Removable power cable Non-combustible, flexible and antistatic iron cord	

Additional functions of data control stations (DC)

Stations in DC version have the option to switch to mid-power after ¼ hour and then stop 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 the end of the tip.

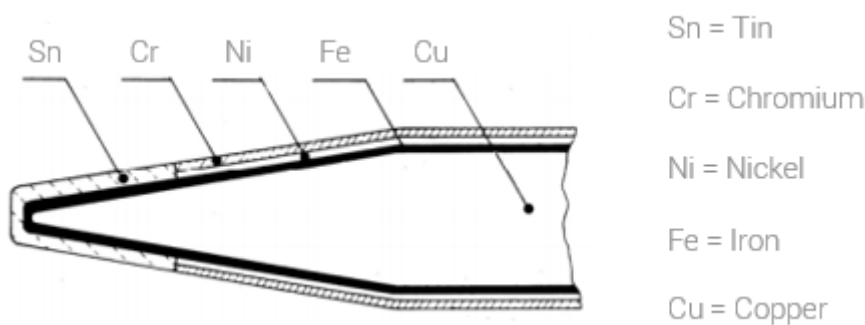
Soldering irons

We offer a range of 6 soldering irons with wound heating elements allowing a fast rise in temperature and a stability +/- 3°C.

Accurate control is achieved by a type K thermocouple located at the end at the junction with the tip. Depending on the type of tip, offset compensation can be performed to match the displayed temperature and the exact temperature at the end of the tip.

Tips

A wide choice of "long-life" treated copper tips compatible with lead-free alloys. Care must be taken to limit operating temperatures to protect the tin and flux used to extend the service life of the tip.






Iron holder

- ✓ Ballasted bakelite pedestal, stabilized by non-slip pads
- ✓ Attachable on the station
- ✓ Nickel plated support spring
- ✓ Teflon or thermoset guide ring
- ✓ Special sponge



Different sets of stations proposed

Station	Control box	Soldering iron	Tip	Sheath diameter in mm	Tip length in mm	Tip width in mm
SEM40D	Power 50 W	1601 40 W Micro-iron 	Supplied with  1051001025 Tips available  1051001024  1051001026  1051001028  1051001030  1051001074	3,3	15	0,3 0,3 0,3 0,9 1,6 0,3
SEM41DC	Power 50 W With display and programming	Very light for precision work under binocular, micro SMT soldering...				
SEM50D	Power 50 W	2501 50 W Iron 	Supplied with  1051001003 Tips available  1051001004  1051001005  1051001006  1051001007  1051001058	5	21 21 21	1,6 2,6 3,5 0,5 1,8 4,6
SEM51DC	Power 50 W With display and programming	Traditional and universal for all electronic work				
SEM95D	Power 100 W	2101 95 W Iron 	Supplied with  1051001064 Tips available  1051001058  1051001062  1051001063  1051001065  1051001066	5	15 18 15 15 15	0,3 4,6 1,6 1,0 0,3 2,6
SEM95DC	Power 100 W With display and programming	Suitable for brazing lead-free alloys, through-circuit components on multi-layer circuit.				

Station	Control box	Soldering iron	Tip	Sheath diameter in mm	Tip length in mm	Tip width in mm	
SEM100D	Power 100 W	3401 100 W Iron 	Supplied with  1051001041 Tips available  1051001042	6	Droite	2,6	
SEM101DC	Power 100 W With display and programming	Designed for high-temperature welding at 510°C, ground planes, connectors...	 1051001043		Droite	1,6	
			 1051001045		Droite	0,8	
			 1051001046		Droite	4,6	
SEM100BD	Power 100 W	3501 100 W Buffalo Iron 	Supplied without tip	8	35	3,0	
SEM101BDC	Power 100 W With display and programming	Brazing on large mass planes, on braid and for power components	 1051001018				5,0
			 1051001019				8,0
			 1051001020				
SEM151BDC	Power 150 W With display and programming	3601 150 W Buffalo Iron  Brazing on large mass planes, on braid and for power components					