

# DESOLDERING STATION 4601 DC1V

**Ideal for maintenance and laboratory works with his desoldering functions. Choice of displaying the temperature of the soldering irons with selector button on the front.**

The lock and set of the soldering irons temperature on station 4601 DC1V are independent. The conviviality of programming is provided by the software ergonomoy and from his explicited messages and a limited numbers of commands. The programs status is reminded each time the product is commissioning and all settings are saved indefinitely after intentional or accidental interruption of power.



## SEMDATA CONTROL

Equiped with our new regulatory-driven micro processor, these desoldering stations were designed to meet the requirements imposed by multilayer printed circuit. Moreover, the excellent handling of the desoldering iron, the great variety of nozzles and a powerfull pump guarantee an efficient desoldering quality without risk to damage sensitive components and circuit tracks.

The used microprocessor power allows a very precise control of the selected temperature,  $\pm 2^\circ$  C, fast adjustment and precise temperature (displayed in real time), self-troubleshooting operating with code display, simultaneous control of two irons on the central 4601 DC1V and programming of the following functions:

### ○ First level of programming

- **standby of the desoldering iron** at the temperature of  $150^\circ\text{C}$  if not used during half an hour.

- **automatic shutdown of the desoldering iron** if not used during one hour

advantages: economy of nozzles, wear parts and energy - quick return to the temperature of the desoldering iron - Security

### ○ Second level of programming (independent of the first level )

- **locking temperature** with an access code obtained by simply turning the potentiometer

advantages: respect and guarantee the value of the temperature recommended by the work-protection components and circuitry

○ **Third level of programming** for the quality control can perfectly match the temperature of the nozzle with the one shown (OFFSET)

## SPECIFICATIONS

### STATION

- primary power 230V - secondary 24V 50/60 Hz
- isolation between primary and secondary : 4000V
- switching at 0 volts (**E**lectro**M**agnetic **C**ompatibility )
- temperature control from  $50$  to  $450^\circ\text{C}$
- stabilize the temperature at rest (fluctuation less than  $5^\circ\text{C}$ )
- resistance tips / point mass  $< 2$  ohms
- voltage leakage at the tip  $< 2$  mV rms
- iron tip linked to a terminal for earthing
- Venturi System ( with compressed air)
- indicating vacuum gauge with vacuumeter
- ESD and noncombustible cord

### DESOLDERING IRON

- power 100W
- weight 120g
- voltage 24V
- length 210mm

All our stations are delivered complete with a tip, a set of nozzles and a maintenance kit.