

MODULAR DESOLDERING UNITS

A new Offer by SEM : simple, easy and low cost Concept for desoldering Components and SMD.



Composition of a basic Unit :

- ESD safe control Station
- desoldering Set (self Vacuum or Venturi)
- desoldering Iron (50 or 100 Watts)
- support
- set of “high thermal transfer” nozzles
- hardware for clearing and repairing

FEATURES



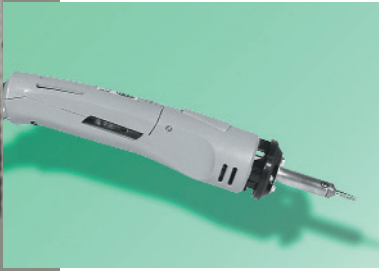
■ Control Station

- 220/240 Vac - 50/60 Hz power Supply
- 24 Vac output Voltage
- 4 kVac Isolation
- ESD safe
- 8 bit ST6 microcontrolled
- digital Display of real and setting Temperatures (DC version)
- Programs of DC version :
 - Economy : powers down 50% after ½ hour
 - power off after 1 hour
 - code locking of the setting Temperature
 - Offset control in order to concur real and setting Temperature
- Temperature Stability : +/-2°C
- regulation Control by Led



■ Desoldering Set

- 12l/mn Pump for the self Vacuum Unit (DPA)
- 24V 45W supply from the Station
- Venturi Unit (DVA) to be connected to 3-8 bars compressed Air
- Vacuum Indicateur
- Filter
- ESD safe



■ Desoldering Iron

- very ergonomic with on/off on the Finger
- high accuracy thanks to the design (like a Pen)
- thermal regulation thanks to the K type sensor (50 to 450 °C)
- Light (120 g) ; short size (220 mm)
- max 2mV leakage voltage
- ESD and non flammable Cord
- delayed suction after Button release (1 sec)
- choice of Power depending of use : 50 or 100 Watts in 24 V



■ Support

- hard bakelit Stand with Sponge and Support
- inox Elements
- teflon Ring



■ Nozzles

- complete Set of Nozzles (int. diameter 0.6 to 2 mm)

■ Accessories

- Kit for cleaning and repair including : pyrex Tube, gaskets, Fuses, Felt tips, Plungers, inox and nylon Sprinkler...
- user's Manual

■ Optional

- range of 6 Nozzles special "long life" (for 100Watts only)
- " DESSOUD PICK " concept : SEM is proposing a choice of special Tips for QFP, PLCC, SO,.....desoldering.

SELECT YOUR OWN DESOLDERING UNIT

Reference	Code	Display and programmation	self vacuum	venturi	50W	100W
SEM 50 DPA	1.011.001033		●		●	
SEM 50 DVA	1.011.001034			●	●	
SEM 51 DC-DPA	1.011.001037	●	●		●	
SEM 51 DC-DVA	1.011.001038	●		●	●	
SEM 101DC-DPA	1.011.001043	●	●			●
SEM 101DC-DVA	1.011.001044	●		●		●



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