

100 V - 4 Tools Power Supply Unit

PSE-9A

This unit can simultaneously **manage up to 4 tools**. It is suitable for soldering and desoldering almost all types of components as well as for many kinds of rework jobs. The **4 LEDs on the front panel** indicate if the ports are connected and what the tool's status is: in Work or Sleep mode.

It can be **easily configured by computer** (USB or Ethernet) and you can personalize **over 20 parameters** which cannot be modified during the work process.

You can control 5 PSE units in a single DME and work with up to 24 tools simultaneously.

You can also manage and monitor the station using a **robot system**.



Specifications

Selectable parameters

Temperature*	90 to 450 °C / 190 to 840 °F
Dynamic Soldering Profiles*	Designed to avoid thermal shock when soldering Ceramic Chip components like MLCC, this new and unique feature allows controlling the heating ramp up rate of the tool to gradually increase the temperature of the component through all the phases of the soldering process. Up to 25 fully configurable soldering profiles can be stored.

Special features

Sleep and Hibernation mode	These modes lower soldering tip temperature when the tool rests in the stand in order to avoid oxidation and extending tip life.
Max. and min. temperature*	Limit the temperature range in which the operator is allowed to work.
Temperature levels*	Instant selection of up to 3 editable temperature settings for solder joints with different heat requirement.
Soldering graphics*	Real time visualization of tip temperature and power delivered to the solder joint during soldering process.
PIN protection*	Keep station parameters protected against unauthorized access.

Connectivity

USB-B (rear)	Software PC / Traceability / Firmware update
Robot	RS-232 remote control or Smart Fume Extractor connection
PSE IN / OUT	Interconnection of up to 5 PSE control units to a DME station manage up to 24 tools simultaneously.
LAN	Remote control / Traceability
Equipotential bonding	
ESD/EOS	
ESD safe	
Power supply	
Peak power	160 W per tool – 23.5 V
Voltage (AC)	ref. PSE-9A - 100 V
Ambient operating temp.	10 to 40 °C / 50 to 104 °F
Dimensions and weight	
Control Unit	148 x 120 x 232 mm / 4.26 kg
	5.8 x 4.7 x 9.1 in / 9.38 lb
Package	258 x 328 x 208 mm / 4.66 kg
	10.2 x 12.9 x 8.2 in / 10.27 lb

**Parameters and features managed from PC or DME station*

Connectables

4 Tools Control Unit
DME



Electric Desoldering Module for
DDE & DME
MSE-A



Pneumatic Desoldering Module
for DDE & DME
MVE-A



Nitrogen Flow Regulator for DDE,
DME & HDE
MNE-A



Compatible tools

Micro Tweezers
PA120-A



Precision Purpose Handle
T210-A



Nitrogen Precision Handle
T210-NA



General Purpose Handle
T245-A



Nitrogen Handle
T245-NA



HD Purpose Handle
T470-A



Nitrogen HD Handle
T470-NA



Thermal Tweezers
HT420-A



Connectables

Micro Desoldering Iron
DS360-A



Desoldering Iron
DR560-A



Solder Feed Iron
AP250-A



Stands

Stand for T210/T245/T470-NA
DN-SE



Accessories

Pedal
P-005



Documentation

Manuals

PSE-A Manual