

4 Tools Control Unit DME

DME-9A 100 V
DME-1A 120 V
DME-2A 230 V



Specifications

Selectable parameters

| | |
|----------------------------|---|
| Selectable 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

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|--|--|
| 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. |
| 10 user interface languages | English, German, Spanish, |

French, Italian, Portuguese, Russian, Japanese, Korean, Chinese.

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|-------------------------|---|
| Connectivity | |
| USB-B (rear) | Software PC / Traceability |
| USB-A (front) | Firmware update. |
| | Soldering Graphics / Profiles management. |
| | Dino-Lite USB microscope connection. Compatible models: AM2011 and AM2111. |
| Robot | RS-232 remote control or Smart Fume Extractor connection |
| LAN | Remote control / Traceability |
| PS | Interconnection of up to 5 PSE control units to manage up to 24 tools simultaneously. |
| Equipotential bonding | |
| ESD/EOS | |
| ESD safe | |
| Power supply | |
| Peak power | 160 W per tool – 23.5 V |
| Ambient operating temp. | 10 to 40 °C / 50 to 104 °F |
| Dimensions and weight | |
| Control Unit | 148 x 120 x 232 mm / 4.57 kg |
| | 5.8 x 4.7 x 9.1 in / 10.08 lb |
| Package | 258 x 328 x 208 mm / 4.97 kg |
| | 10.2 x 12.9 x 8.2 in / 10.96 lb |

Connectables

Modular System

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



Adjustable Micro Tweezers
AM120-A



Precision Purpose Handle
T210-A



Nitrogen Precision Handle
T210-NA



General Purpose Handle
T245-A



Nitrogen Handle
T245-NA



Thermal Tweezers
HT420-A



Micro Desoldering Iron
DS360-A



Connectables

Desoldering Iron
DR560-A



Solder Feed Iron
AP250-A



Accessories

Pedal Kit for DI, DD, DM and HD
P-305



Nitrogen Kit for DDE & DME
KNE-A



Nitrogen Generator Module
GN-A



Documentation

Manuals DME-A Manual estuchado
 DME Manual

Exploded View Exploded View
 Exploded View from series 177156