

2 Tools Control Unit

DDE

100 V Ref. DDE-9C
 120 V Ref. DDE-1C
 230 V Ref. DDE-2C



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
USB-A (front)	Firmware update Soldering Graphics management
Robot	RS-232 remote control or Smart Fume Extractor connection.
Equipotential bonding	
ESD/EOS	
ESD safe	
Power supply	
Peak power	150 W per tool – 23.5 V
Voltage (AC)	ref. DDE-1C - 120 V ref. DDE-2C - 230 V ref. DDE-9C - 100 V
Ambient operating temp.	10 to 40 °C / 50 to 104 °F
Dimensions and weight	
Control Unit	148 x 120 x 232 mm / 3.82 kg 5.8 x 4.7 x 9.1 in / 8.41 lb
Package	258 x 328 x 208 mm / 4.27 kg 10.2 x 12.9 x 8.2 in / 9.41 lb

Connectables

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 DDE-C_Manual

Exploded View DDE-C Exploded view