2 Tools Control Unit

DDE

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

Specifications

Selectable parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Temperature</td>
<td>90 to 450 ºC / 190 to 840 ºF</td>
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</table>

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.
10 user interface languages: English, German, Spanish, French, Italian, Portuguese, Russian, Japanese, Korean, Chinese.

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