

## 2 Tools DME Station with Pneumatic Pump

### DMVE-Q

The DME manages up to 4 tools simultaneously and is fully compatible with 10 different JBC tools. Check below the complete list of compatible tools.

The MVE Pneumatic Desoldering Module is indispensable for a complete desoldering process. Clean and dry compressed air is required.

It provides the best soldering quality thanks to JBC Most Efficient Soldering System and additionally Sleep & Hibernation modes help to extend life of tips.

It features all the Excellence range benefits such as station customization, full control of soldering processes and remote work management.

The DMVE works simultaneously with the DR560 Desoldering Iron and the T245 Handle.

230 V Ref. DMVE-2QA

100 V Ref. DMVE-9QA

120 V Ref. DMVE-1QA



### 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

|  |  |
|--|--|
| <a href="#">Sleep and Hibernation mode</a> | 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   |

### Product Packaging

|                  |                                |
|------------------|--------------------------------|
| Modular System   | <u>DME</u> , <u>MVE-A</u>      |
| Tools            | <u>T245-A</u> , <u>DR560-A</u> |
| Stands           | <u>AD-SE</u> , <u>DR-SE</u>    |
| Cleaning Systems | <u>CL8499</u>                  |

|                              |  |
|------------------------------|--|
|                              | 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.                   |
| <b>Others</b>                |  |
| Vacuum (at 6 bar)            | 90% / 680 mmHg / 26.8 inHg   |
| Flow rate (at 6 bar)         | 15 SLPM  |
| Air pressure supply          | up to 6 bar  |
| <b>Connectivity</b>          |  |
| 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 <a href="#">Smart Fume Extractor</a> connection                                     |
| LAN                          | Remote control / Traceability  |
| PS                           | Interconnection of up to 5 <a href="#">PSE control units</a> to manage up to 24 tools simultaneously.        |
| <b>Equipotential bonding</b> |  |
| ESD/EOS                      |  |
| ESD safe                     |  |
| Tip to ground resistance     | 2 ohms   |
| Tip to ground voltage        | 2 mV RMS   |
| <b>Power supply</b>          |  |
| Peak power                   | 160 W per tool – 23.5 V  |
| Voltage (AC)                 | ref. <b>DMVE-1QA</b> - 120 V   |
|                              | ref. <b>DMVE-2QA</b> - 230 V   |
|                              | ref. <b>DMVE-9QA</b> - 100 V   |
| Ambient operating temp.      | 10 to 40 °C / 50 to 104 °F   |
| <b>Dimensions and weight</b> |  |
| Control Unit                 | See individual modules   |
| Package                      | 368 x 474 x 195 mm / 10.62 kg  |
|                              | 14.5 x 18.7 x 7.7 in / 23.40 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-AAdjustable Micro Tweezers  
AM120-APrecision Purpose Handle  
T210-ANitrogen Precision Handle  
T210-NAGeneral Purpose Handle  
T245-ANitrogen Handle  
T245-NAThermal Tweezers  
HT420-AMicro Desoldering Iron  
DS360-ADesoldering Iron  
DR560-ASolder Feed Iron  
AP250-A**Accessories**Nitrogen Kit for DDE & DME  
KNE-ANitrogen Generator Module  
GN-ACable collector  
CC3702 **Documentation**

Exploded View

DMVE-QA Exploded View