

DISCONTINUED

4 Tools DME Station with Pneumatic Pump

DMPVE

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 works with the JBC exclusive Heating System and the intelligent sleep & hibernation modes.

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

Although the Control Unit is **compatible with 10 different JBC tools**, the **DMPSE works simultaneously with** the T210 Precision Purpose Handle, the T245 General Purpose Handle, the AM120 Micro Tweezers and the DR560 Desoldering Iron.



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

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

Product Packaging

Modular System	<u>DME</u> , <u>MVE-A</u>
Tools	<u>AM120-A</u> , <u>T210-A</u> , <u>T245-A</u> , <u>DR560-A</u>
Stands	<u>AD-SE</u> , <u>AM-SA</u> , <u>DR-SE</u> , <u>SCH-A</u>
Cartridges	<u>C120002</u> , <u>C210001</u> , <u>C210008</u> , <u>C245903</u> , <u>C245906</u> , <u>C560003</u> , <u>C560004</u> , <u>C560005</u> , <u>C560013</u>
Cleaning Systems	<u>CL8499</u>

	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.
Others	
Vacuum (at 6 bar)	90% / 680 mmHg / 26.8 inHg
Flow rate (at 6 bar)	15 SLPM
Air pressure supply	up to 6 bar
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	
Tip to ground resistance	2 ohms
Tip to ground voltage	2 mV RMS
Power supply	
Peak power	160 W per tool – 23.5 V
Voltage (AC)	ref. DMPVE-1A - 120 V
	ref. DMPVE-2A - 230 V
	ref. DMPVE-9A - 100 V
Ambient operating temp.	10 to 40 °C / 50 to 104 °F
Dimensions and weight	
Dimensions/Net weight	See individual modules
Package	480 x 370 x 380 mm / 14.21 kg
	18.9 x 14.6 x 15.0 in / 31.33 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 toolsMicro 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

DMPVE-A Exploded View