

2 Tools DDE Station with Pneumatic Pump

DDVE-Q

DDVE station is a complete solution with [T245 General Purpose Handle](#) and [DR560 Desoldering Iron](#).

The [DDE Control Unit](#) manages up to 2 tools simultaneously and is fully compatible with 10 different [JBC tools](#). Check below the complete list of compatible tools.

The [MVE Pneumatic Desoldering Module](#) generates the vacuum needed to remove the molten solder from plated through holes and surface mount pads with the DR560. (It requires clean and dry compressed air supply).

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.

With the practical [Cartridge Holder SCH-A](#) the different cartridges are always stored nearby.

100 V Ref. DDVE-9QC

120 V Ref. DDVE-1QC

230 V Ref. DDVE-2QC



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
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Product Packaging

Modular System	DDE , MVE-A
Tools	T245-A , DR560-A
Stands	AD-SE , DR-SE
Cleaning Systems	CL8499

	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.
Others	
Vacuum	90% / 680 mmHg / 26.8 inHg
Flow rate	15 SLPM
Air pressure supply	up to 6 bar
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	
Tip to ground resistance	2 ohms
Tip to ground voltage	2 mV RMS
Power supply	
Peak power	150 W per tool – 23.5 V
Voltage (AC)	ref. DDVE-1QC - 120 V
	ref. DDVE-2QC - 230 V
	ref. DDVE-9QC - 100 V
Ambient operating temp.	10 to 40 °C / 50 to 104 °F
Dimensions and weight	
Control Unit	See individual modules
Package	368 x 474 x 195 mm / 9.85 kg
	14.5 x 18.7 x 7.7 in / 21.72 lb

Connectables

Modular System

Electric Desoldering Module for
DDE & DME
MSE-A

Pneumatic Desoldering Module
for DDE & DME
MVE-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**Pedal
P-005Nitrogen Kit for DDE & DME
KNE-ACable collector
CC3702**Documentation****Manuals**

DDVE-QC Manual
MVE Manual
DR560-A Manual
CL8499 ESD Tip Cleaner Manual

Exploded View

DDVE-QC Exploded View