

2 Tools DDE Precision Station

DDPE-Q

DDPE Precision Rework Station is a perfect solution for fast and precise SMD rework of chip components and small outline ICs using hand soldering tools.

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

This rework station comes with the T210 Precision Purpose Handle and the AM120 Adjustable Micro Tweezers.

The short distance tip-to-grip of both tools provides the highest precision handling even under microscope.

The Precision Handle T210 work with C210 cartridges and the AM120 with C120 cartridges whose exceptional thinness allows reworking components on heavily populated PCBAs without disturbing nearby components.

With the practical Cartridge Holder SCH-A the different cartridges are always stored nearby.

Cartridges not included.

120 V Ref. DDPE-1QB

100 V Ref. DDPE-9QB

230 V Ref. DDPE-2QB



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

<u>Sleep and Hibernation mode</u>	These modes lower soldering tip temperature
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Product Packaging

Modular System	<u>DDE</u>
Tools	<u>AM120-A</u> , <u>T210-A</u>
Stands	<u>SCH-A</u> , <u>AD-SE</u> , <u>AM-SA</u>
Cartridges	Cartridges not included.
Cleaning Systems	<u>CL8499</u>

	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	
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. DDPE-1QB - 120 V
	ref. DDPE-2QB - 230 V
	ref. DDPE-9QB - 100 V
Ambient operating temp.	10 to 40 °C / 50 to 104 °F
Dimensions and weight	
Control Unit	See individual modules
Package	474 x 368 x 195 mm / 8.79 kg
	18.7 x 14.5 x 7.7 in / 19.4 lb

Connectables

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



Desoldering Iron
DR560-A



Solder Feed Iron
AP250-A



Stands

Cartridge Holder
SCH-A



Accessories

Pedal
P-005



Nitrogen Kit for DDE & DME
KNE-A



Cable collector
CC3702



Documentation

Exploded View

DDPE-QB Exploded View