

Repair station RMSD-2QB, incl. DT530 desoldering iron, T245 handpiece and JT-T2A hot air iron



RMSD is not only the fastest, but also the safest option for soldering and rework, including the use of hot air.

Achieve high-quality soldering with the JBC Most Efficient Soldering System, while intelligent heat management extends tip life and reduces energy consumption.

Included in the scope of delivery:

- The DDE 2 tool control unit manages up to two tools simultaneously and is fully compatible with 13 different JBC tools, delivering up to 150 W per tool.
- RMSD works simultaneously with the DT530 angled desoldering iron, the T245 all-purpose handle and the JTT heated hose set.
- The MSE electric desoldering module offers exceptional suction power of up to 85% vacuum and ensures precise and efficient desoldering.
- The JTSE hot air station controls post-processing based on temperature and airflow profiles.

DDE control unit
Nominal power: 200 W

Products for the electronic industry



Peak power: 150 W per tool

Selectable temperature: 90 to 450 °C / 190 to 840 °F

Temperature stability at idle (still air): ± 1.5 °C / ± 3 °F / Meets and exceeds IPC J-STD-001F

Temperature accuracy: $\pm 3\%$ (using a reference cartridge)

Temperature adjustment: ± 50 °C / ± 90 °F via the station settings menu

Voltage/resistance between tip and ground: Meets and exceeds ANSI/ESD S20.20 and IPC J-STD-001F

Ambient temperature during operation: 10-40 °C / 50-104 °F

Connections

USB-A:

Firmware update,
Graphics and profiles,
Dino-Lite USB microscope
(models AM2011, AM2111)

USB-B:

PC communication

RJ12:

Suction device/peripheral devices/robots

JTSE control unit

Rated power: 700 W

Selectable temperature: 150 to 450 °C / 300 to 840 °F

Airflow control: 5 to 50 SLPM

Vacuum: 30 % / 228 mmHg / 9 inHg

Profiles: 25 (up to 10 steps for each), 1 preset profile

Type K TC connection: 1 for control and protection

ESD-safe: Complies with ANSI / ESD S20.20-2021

Potential equalization: Connection to EPA

USB-A

Firmware update
Graphics and profiles

USB-B

PC communication

RJ12 connection

Remote control or FAE connection for suction device

Pedal connection

Tool control

MSE module
Power: 42 W
Vacuum: 85 % / 640 mmHg / 25.4 inHg
Flow rate: 35 SLPM
Ambient temperature: 10-40 °C / 50-104 °F
Pedal connection: Yes
Complies with CE standards: ESD safe
Weight and dimensions
Control unit
232 x 148 x 295 mm / 11.52 kg.
9.13 x 5.83 x 11.61 in / 25.39 lb.
Packaging
615 x 368 x 637 mm / 17.50 kg.
24.21 x 14.49 x 25.08 in / 38.57 lb.

Item no.	WL92425
Manufacturer	JBC
Manufacturer article no.	RMSD-2QB
GPSR manufacturer data	JBC Soldering SL Ramón y Cajal 3 ES-08750 Molins De Rei www.jbctools.com
Length	232 mm
Width	295 mm
Height	148 mm
Sales unit	1 piece
Content unit	1 piece
Voltage	230 V
Station (type)	desoldering station, soldering station
ESD compliant	yes