

Repair station RMSE-2QJ, incl. DR560 desoldering iron, T245 soldering iron and JT-T2A hot air iron



The RMSE station, equipped with the MSE module, ensures efficient and precise desoldering with its powerful extraction system. It offers the fastest and safest solution for soldering and rework work, including hot air applications. The station has stackable modules and includes all the necessary accessories to make your work easier.

Thanks to the JBC Most Efficient Soldering System, it offers the best soldering quality, and in addition, the sleep and hibernation modes help to extend the life of the soldering tip and reduce energy consumption.

Included in the scope of delivery:

- DDE 2-tool control unit, which controls up to two tools simultaneously and is fully compatible with 13 different JBC tools, delivering up to 150 W per tool.
- RMSE, which works simultaneously with the DR560 desoldering iron, the T245 universal handle and the JTT heated hose set.
- MSE electric desoldering module with exceptional suction power for a complete desoldering process.
- JTSE hot air station that controls post-processing based on temperature and airflow profiles.

DDE control unit

Nominal power: 200 W

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 / 12.50 kg.

9.13 x 5.83 x 11.61 in / 27.56 lb.

Packaging

700 x 410 x 390 mm / 18.55 kg.

27.56 x 16.14 x 15.35 in / 40.90 lb.

Item no.	WL92424
Manufacturer	JBC
Manufacturer article no.	RMSE-2QJ
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
Incl. battery	no
Voltage	230 V
Station (type)	desoldering station, soldering station
ESD compliant	yes