

Soldering and desoldering station 1-channel 60 W with iron for SSC cartridges - Oki MFR-1160

Item no. WL26267

Manufacturer Oki

Soldering ground planes and fine pitch parts at the same bench calls for a station that delivers heat where it is needed without chasing a setpoint. The Oki MFR-1160 is a single channel soldering and desoldering station with 60 W output and an iron for SSC cartridges. Tip temperature is defined by the cartridge and holds to ± 1.1 °C.

TECHNICAL DATA

Weight

0.1 kg



STANDARDS & COMPLIANCE

ESD safe IEC 61340-5-1

DESCRIPTION

Tip temperature typically collapses at the very moment a ground plane pulls heat away. The MFR-1160 from Oki uses inductive heating inside the SSC cartridge and holds temperature within ± 1.1 °C, with no setpoint to enter or correct. Single channel operation at 60 W output covers hand soldering, rework and, with the matching hand piece, desoldering work.

BENEFITS

- 60 W output on one channel for hand soldering and rework
- Temperature stability of ± 1.1 °C with no calibration or manual correction
- Temperature is held in the SSC cartridge, no setpoint needed at the unit
- Tip to ground resistance below 2 ohms for ESD sensitive assemblies
- Wide range input 100-240 V, 50/60 Hz, power consumption 65 W
- Compact housing of 200 x 90 x 152.5 mm with a 1.22 m hand piece cable

TECHNICAL DATA

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Model	MFR-1160
Manufacturer	Oki
Manufacturer item number	MFR-1160
Product series	MFR series
Station type	soldering station, desoldering station
Dimensions (LxWxH)	200 mm x 90 mm x 152.5 mm
Voltage	100-240 V
Frequency	50/60 Hz
Output power supply unit	60 W
Power consumption	65 W
Suitable tips	SSC tips
Tip to ground resistance	below 2 ohms
Temperature stability	+/- 1.1 °C
Ambient operating temperature	10-40 °C
Cable length	1.22 m
Order unit	piece

APPLICATIONS

Hand soldering in series production, rework and repair of SMD and THT assemblies, laboratory and prototype work. The stable tip temperature also suits joints on ground planes and connectors with high thermal drain.

COMPATIBILITY AND SCOPE OF DELIVERY

Scope of delivery is the MFR-1160 power unit with a soldering iron for SSC cartridges. The station works exclusively with SSC tips, which carry both temperature and geometry. Cartridges, stand and cleaning accessories are ordered separately.

The tip to ground resistance below 2 ohms supports use at ESD workstations according to IEC 61340-5-1.