

1-channel soldering and desoldering station 60 W with MFR-H4-TW tweezers - Oki MFR-1140

Item no. WL24474

Manufacturer Oki

Soldering tweezers lift a passive SMD part in one move instead of heating each end in turn. The MFR-1140 combines the MFR-PS1100 power unit rated 60 watt with the MFR-H4-TW tweezers for TxP tweezer tips. The MFR-WSPT stand is part of the delivery.

TECHNICAL DATA

Power	60 W
Weight	0.1 kg



STANDARDS & COMPLIANCE

ESD safe IEC 61340-5-1

DESCRIPTION

Single output soldering and desoldering station built around removing and placing small SMD components. The MFR-H4-TW tweezers heat both terminations at once and take TxP tweezer tips, fed by the MFR-PS1100 with 60 watt output. At 90 mm wide the unit fits tight repair benches.

BENEFITS

- SmartHeat technology delivers power for high heat demand work with no manual trimming
- Heating from both sides shortens the thermal load on the component
- Four handpieces are available for extended soldering and rework solutions on one system
- Temperature stability of +/- 1.1 °C in still air, tip accuracy to IPC J-STD-001
- Can be combined with the MFR-2200 series when a second channel is required

TECHNICAL DATA

Item number	WL24474
Model	MFR-1140
Manufacturer	Oki

Manufacturer item number	MFR-1140
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
Power consumption	65 W
Output power supply unit	60 watt
Output frequency	450 kHz
Heating method	Induction, SmartHeat
Included handpiece	MFR-H4-TW
Suitable tips	TxP tweezer tips
Tip to ground resistance	Less than 2 ohm
Temperature stability	+/- 1.1 °C
Ambient operating temperature	10-40 °C
Cable length	1.83 m
Weight of power unit	2.3 kg
Certification	cTUVus, CE
Order unit	Piece
Scope of supply	MFR-PS1100 single output supply unit, MFR-H4-TW tweezer handpiece, MFR-WSPT storage stand

APPLICATIONS

Replacement of chip resistors, capacitors, MELF and small SO packages, rework on populated boards, prototype builds and service. Equally usable for placing parts in small batch work.

COMPATIBILITY AND SCOPE OF DELIVERY

The MFR-PS1100 power unit works with every MFR series handpiece, for example the MFR-H1-SC2 iron and the MFR-H2-ST2. Delivery covers the power unit, the MFR-H4-TW tweezers and the MFR-WSPT stand. Tweezer tips are ordered separately.

The handpiece cable is ESD safe and tip to ground resistance stays below 2 ohm, so the station suits ESD protected areas to IEC 61340-5-1.