

## 2-channel soldering/desoldering station, integrated pump, MFR-H5-DS + MFR-H1-SC2

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The MFR-1300 Series Desoldering and Rework Systems are standalone equipment. The power supply features an internal pump providing 0.7 bar pressure and 60 watts of SmartHeat®-Technology that makes through-hole desoldering easy and keeps your products safe from board damage. The new handpiece has been designed to be used in two configurations. As standard, the MFR-H5-DS desolder tool is a pencil grip design and a clip-on grip enables the handpiece to be used in a pistol style. The Solder collection chamber has a large capacity and the innovative replaceable tips enables reduced downtime and quicker changeover. Since the system has two switchable ports it can be used in addition with a soldering tip, cartridge or tweezers handpiece.

- SmartHeat® Technology provides exceptional power for high thermal demand applications
- Single or Dual simultaneous outputs allow for single/dual hand-piece use
- Five hand-pieces available for increased application solutions for soldering
- Desoldering (upgrade kit MX-UK5) and rework on one system
- Each hand-piece has a comprehensive range of cartridges or tips for maximum flexibility
- Ergonomic handpieces for operator safety and comfort

- Input Line Voltage: 100 - 240 VAC, grounded circuit, 50/60 Hz
- Rated Power Consumption: 110 W max.
- Output Power: Variable, 60 W max.
- Output Frequency: 450 KHz
- Heating Method: Induction, smartHeatR
- Connections: Switchable Dual Port
- Power Supply Dim. W x D x H: 170 x 200 x 152.5 mm (6.7" x 7.9" x 6")
- Power Supply Weight: 3.9 kg (8.6 lb)
- Certification / Marking: cTUVus, CE
- Tip-to- Ground Potential: < 2 mV
- Tip-to-Ground Resistance: < 2 Ohm
- Ground Detection: Permanent
- Surface Resistivity:  $10^5$  -  $10^9$  Ohm
- Idle Temperature Stability: 1.1 °C ( 2 °F) in still air
- Tip Temperature Accuracy: Meets or exceeds IPC J-STD-001 Standard
- Vacuum Suction Force: 0.7 bar (21" Hg at Vacuum pump)
- Noise Level: < 55 dB
- Power Cord Length: 183 cm, 18/3 SJT
- Ambient Operating Temp: 10 - 40 °C (50 - 104 °F)

- Max. Enclosure Temp: 55 °C (131 °F)
- Hand-Piece Cable Length (Solder-Pen): 122 cm (48"), burn proof, ESD-safe
- Hand-Piece - RF Connector (Solder-Pen): 8-pin circular DIN
- Hand-Piece Cable Length (MFR-H5-DS): 152 cm (60"), burn proof, ESD-safe
- Hand-piece - Connector (MFR-H5-DS): 8-pin circular DIN
- Air Hose (MFR-H5-DS): ESD-safe

item number	WL27221
model	MFR-1351
manufacturer	OKI
manufacturer item number	MFR-1351
GPSR manufacturer information	OK International Ltd Eagle Close, Chandlers Ford GB-SO53 4NF Hampshire www.ok-international.com
length	200 mm
width	170 mm
height	152.5 mm
scope of supply	MFR-PS1300: Dual Output Power Supply with Internal Pump MFR-H5-DS: desoldering handpiece, with selectable handle MFR-H1-SC2: New Style solder cartridge handpiece, with cable MFR-WSDSU: Universal storage stand for desoldering handpiece WS1: Universal stand for soldering handpiece
order unit	1 piece
content unit	1 piece
product series	MFR series
typical bleeder resistance	$10^5 - 10^9$ Ohm
frequency	450 KHz
power	110 W
voltage	100 – 240 V
vacuum	0,7 bar
suitable tips	SxP soldering tips, RxP rework cartridges, DxP desoldering tips
output power supply unit	60 W
station type	desoldering station, soldering station

included handpiece	MFR-H5-DS, MFR-H1-SC2
Tip to ground resistance	< 2 Ohm
temperature stability °C	+/- 1,1 °C
ambient operating temperature	10 – 40 °C
length cable	1.83 m
power consumption	110 W
ESD safe	yes

