

## 1-channel soldering/desoldering station, with MFR-H4-TW soldering tweezers



The MFR-1100 Single Output Series is designed to minimize your training investment, maximize application solutions and increase productivity. This Series is compact and versatile and can be used with either a soldering tip, cartridge or tweezers handpiece. A shop air desoldering option is also available as an upgrade kit.

- 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: 70 W max.
- Output Power: Variable, 60 W max.
- Output Frequency: 450 KHz
- Heating Method: Induction, smartHeatR
- Power Supply Dim. W x D x H: 90 x 200 x 152.5 mm (3.5" x 7.9" x 6")
- Power Supply Weight: 2.3 kg (5.05 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
- 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 (MFR-H4-TW): 122 cm (48"), burn proof, ESD-safe
- Hand-Piece - RF Connector (MFR-H4-TW): 8-pin circular DIN

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| Article no.                | <b>WL24474</b>   |
| Model                      | MFR-1140   |
| Manufacturer               | OKI  |
| Manufacturer article no.   | MFR-1140   |
| GPSR manufacturer data     | OK International Ltd<br>Eagle Close, Chandlers Ford<br>GB-SO53 4NF Hampshire<br>www.ok-international.com               |
| Length                     | 200 mm   |
| Width                      | 90 mm  |
| Height                     | 152.5 mm   |
| Scope of delivery          | MFR-PS1100: MFR Single Output Supply Unit<br>MFR-H4-TW: Tweezer handpiece for the MFR series<br>MFR-WSPT: Storage rack |
| Sales unit                 | 1 piece  |
| Content unit               | 1 piece  |
| Product series             | MFR series   |
| Typical leakage resistance | $10^5 - 10^9$ Ohm  |
| Frequency                  | 50/60 Hz   |
| Power                      | 70 W   |

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| Voltage                         | 100 – 240 V                            |
| Matching tips                   | TxP Tweezer tips                       |
| Output power of the supply unit | 60 W                                   |
| Station (type)                  | desoldering station, soldering station |
| Included handpiece              | MFR-H4-TW                              |
| Peak-to-ground resistance       | < 2 Ohm                                |
| Temperature stability °C        | +/- 1,1 °C                             |
| Ambient temperature             | 10 – 40 °C                             |
| Cable length                    | 1.83 m                                 |
| Power consumption               | 65 W                                   |
| ESD compliant                   | yes                                    |

