

MFR-1350 Dual Switchable Output

[Soldering & Desoldering Systems with Internal Air]

The MFR-1350 Desoldering and Rework System

features an innovative desoldering hand-piece and a power supply with an internal pump providing 0.7 bar of vacuum suction force making through-hole desoldering easy.

SxP

Soldering Cartridges



Full range on page 34

RxP

Rework Cartridges



Full range on page 35

DxP

Desoldering Tips



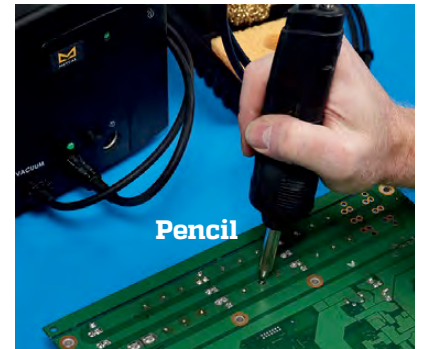
Full range on page 36



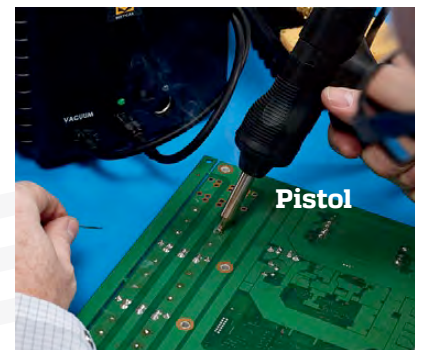
System Specification - MFR-PS1350

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, SmartHeat®
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
Warranty	1 year

*RF SmartHeat® Technology provides greater power.



Pencil



Pistol

Key Features & Benefits

- Self-contained powerful vacuum pump
- 2-in-1 ergonomic and flexible hand-piece
- Recyclable collection chamber with increased capacity
- Quick and easy change collection chamber
- Dual switchable output
- Powered by SmartHeat® Technology
- Compatible with previous MFR Desolder range

Part No.	Description
MFR-1350	Desolder System with internal pump includes power supply, desolder hand-piece and workstand
MFR-1351	Solder/Desolder System with internal pump includes power supply, desolder hand-piece, solder hand-piece, and (2) workstands
MFR-PS1300	Power Supply
MFR-H5-DS	Desolder hand-piece
MFR-H1-SC2	Solder Cartridge hand-piece
MFR-WSDSU	Workstand for Desolder hand-piece
WS1	Workstand for Solder hand-piece

MFR/PS Accessories and Spare Parts

[Soldering, Production Soldering & Rework Systems]



Hand-pieces and replacement coils

PS-HC3		Soldering Handle with PS-CA3 Coil Assembly (PS-900)
PS-H3	1	Soldering Handle without Coil Assembly (PS-900)
PS-CA3	2	Coil Assembly for PS-HC3 / PS-H3 Hand-piece (PS-900)
MFR-H1-SC2	3	Cartridge Solder / Rework Hand-piece (MFR)
MFR-H2-ST2	4	Tip Solder Hand-piece (MFR)
MFR-CA3		Coil Assembly for MFR-H2-ST2 Hand-piece (MFR)
MFR-H4-TW	5	Precision Tweezer Hand-piece (MFR)
MFR-H6-SSC	6	SSC Cartridge Solder Hand-piece (MFR)
MFR-H5-DS	7	Desolder Hand-piece
MFR-HSREC		Cartridge Solder / Rework Hand-piece with long cord (1.83m / 6ft)
MFR-HSRLR	8	Cartridge Solder / Rework Hand-piece with long reach access

Workstands

WS1		Universal Auto Sleep Workstand
WS2		Round Auto Sleep Workstand
WS2-NS	9	Solder Workstand (PS-900)
MFR-WSPT	10	Non Sleeper Precision Tweezer Workstand
MFR-WSDSX	11	Venturi Workstand for Desolder Hand-piece
MFR-WSDSU		Non Sleeper Workstand for Desolder Hand-piece
WS1CB		Solder Rework Cradle Replacement for WS1 Workstand
WS2CB		Solder Rework Cradle Replacement for WS2 Workstand
MFR-WSDSCB		Replacement cradle for MFR-WSDSX Desolder Workstand

Lead-Free Process Identification

WS1G	12	Green Universal Auto Sleep Workstand
WS2G		Green Solder Workstand (PS-900)
WS1CG		Green Solder Rework Cradle Replacement for WS1 Workstand
WS2CG		Green Solder Rework Cradle Replacement for WS2 Workstand
AC-CK1	13	Green Identification Ring for OKi Cartridges (Pack of 50)
AC-CK3		Green Identification Ring for SSC Cartridges (Pack of 50)
AC-CK4	14	Green Identification Ring for OKi Tips (Pack of 50)

Miscellaneous Accessories

AC-BRUSH	15	Soft Brass Brush
AC-CP2		Cartridge and Tip Removal Pad
AC-FX1	16	Fume Extraction Kit
AC-IK		Interlocking / Mounting Kit
MFR-PM70		Power Meter for MFR Series
PS-PM900		Power Meter for PS-900
AC-Y10		Yellow Sponge for WS1 Workstand (Pack of 10)
AC-YS4		Yellow Sponge Round for WS2 Workstand (Pack of 10)
AC-BP		Brass Pad (Pack of 10)

Desoldering Accessories

MFR-DC10	17	Disposable Collection Chamber for MFR-H5-DS (pack of 10)
MFR-DC100		Disposable Collection Chamber for MFR-H5-DS (pack of 100)
MFR-HDCA	18	Coil Assembly for MFR Desolder Hand-piece
MFR-PG		Replacement Pistol grip for MFR-H5-DS Hand-piece
AC-SK1		Seal Kit Collection Chamber (pack of 2)
AC-VP		Vacuum Port
AC-VL		ESD Air Hose
AC-VPF		Vacuum Port Filter (pack of 5)
LM-PS		Power supply for MFR-WSDSX with multi plug adapters
AC-TC		Desoldering Tip Cleaner Tool

Upgrade Kits

MFR-UK1		Solder Cartridge Hand-piece (MFR-H1-SC2) and Workstand (WS1)
MFR-UK2		Solder Tip Hand-piece (MFR-H2-ST2) and Workstand (WS1)
MFR-UK4		Tweezer Cartridge Hand-piece (MFR-H4-TW) and Workstand (MFR-WSPT)
MFR-UK5		Desolder Hand-piece (MFR-H5-DS) and Workstand (MFR-WSDSX)
MFR-UK6		Solder Cartridge Hand-piece (MFR-H6-SSC) and Workstand (WS2)
MFR-H5-DS-C		Desolder Hand-piece (MFR-H5-DS) and Workstand cradle (MFR-WSDSCB)