



MFR-1150 Single Output Desolder System with Venturi Workstand

The new MFR-1150 Desolder System with Venturi Workstand provides a shop air option for all MFR series power supplies.

The MFR-1150 is a complete shop air desoldering system that includes a power supply, desolder hand-piece and venturi workstand. The MFR-UK5 Upgrade kit can also turn your existing MFR-1100 or MFR-2200 series systems and older MFR-abc systems into a state-of-the-art desoldering system.

The built in venturi provides 25 inHg (.85 Bar), which substantially increases desolder capability.

The new hand-piece has been designed to be used in two configurations. The MFR-H5-DS can be used as a pencil or as a pistol style by simply adding a clip on grip supplied with the hand-piece.

Solder collection capabilities have been increased by 40% from previous MFR desolder systems and the innovative replaceable collection chamber enables reduced downtime and quicker changeover.

Key Features

- Venturi workstand
- Compatible for use with all MFR systems
- Uses existing DxP desolder cartridges and replaceable coil assembly (MFR-HDCA)
- Provides shop air option for all MFR series

SYSTEM CONFIGURATIONS	
Part No.	Description
MFR-1150	Single Output Desolder System with External Air (Venturi Workstand)

SYSTEM COMPONENTS	
Part No.	Description
MFR-PS1100	Single Output Power Supply
MFR-H5-DS	Desolder Hand-piece, Selectable, with cord
MFR-WSDSX	Universal Workstand with Venturi Box for Desolder Hand-piece
MFR-FTKIT	Fittings and Air Hose Kit
AC-TC	Tip cleaner

UPGRADE KITS	
Part No.	Description
MFR-UK5	MFR-H5-DS Desolder Hand-piece and MFR-WSDSX Workstand



Technical Specifications

MFR-PS1100 POWER SUPPLY
Input Line Voltage: 100-240 VAC
Input Line Frequency: 50/60Hz
Power Consumption: 65 Watts max
Output Power: 60 Watts Max (RF ! Power)
Output Frequency: 450 KHz
Dimensions (approx.) W x D x H
90mm x 200mm x 152.5mm (3.5" x

MFR-1150 SYSTEM
Idle Tip temperature stability:
+/- 1.1°C (2°F) in still air
Ambient Operating Temperature
10 - 40°C (50 - 104°F)
Maximum Enclosure Temperatur
Tip to ground Potential <2mV
Tip to ground resistance <2 Ohm
Surface resistivity 105 - 109 Ohm
Approvals cTUVus, CE

MFR-H5-DS DESOLDER HAND-P
Power Cord (3-wire) 183cm (72")
Solder Hand-piece cable length
152 cm (60"), burn proof, ESD safe
Hand piece connector 8 pin powe

MFR-WSDSX WORKSTAND
Input voltage 24V
Intput power 15W
Workstand dimensions
100mm x 200mm x 140mm (4" x 8"
Noise level < 55 dB
Recommended Air pressure inpu
550kPa (80PSI) - Shop air only
Vacuum suction force 0.85 bar (2

SOLDER AND DESOLDER CARTRIDGES

Hand-piece

Cartridges

MFR-H5-DS

DxP Series Desoldering Cartridges

[Link](#)

CONSUMABLES AND SPARES

Part No.	Description
MFR-DC10	Disposable Collection Chamber for MFR-H5-DS (pack of 10)
MFR-DC100	Disposable Collection Chamber for MFR-H5-DS (pack of 100)
MFR-HDCA	Coil Assembly for MFR Desolder Hand-piece
MFR-PG	Replacement Pistol grip for MFR-H5-DS Hand-piece
MFR-WSDSCB	Desolder workstand cradle
AC-SK1	Seal Kit Collection Chamber (pack of 2)
AC-VP	Vacuum Port
AC-VL	ESD Air Hose
AC-Y10	Yellow sponge for WS1 Workstand (pack of 10)
AC-BP	Brass pad for WS1 Workstand (pack of 10)
AC-VPF	Vacuum Port Filter (pack of 5)
LM-PS	Power supply for MFR-WSDSX with multi plug adapters

