

## Upgrade kits

**MFR-UK1**  
Solder Cartridge Hand-piece (MFR-H1-SC) and Workstand (WS1)

**MFR-UK2**  
Solder Tip Hand-piece (MFR-H2-ST) and Workstand (WS1)

**MFR-UK4**  
Tweezer 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)

## Tips and Cartridges

Series	Function	Part Code Format	Application	Hand-piece
<b>PS-900, MFR-1120 MFR-2220 &amp; MFR-2222 - TIPS ONLY</b>				
<b>T</b>	Solder	STV-xxxx	Temp Sensitive	PS-HC3 MFR-H2-ST
<b>F</b>	Solder	SFV-xxxx, CFV-xxxx	FR4/Glass Fiber	
<b>C</b>	Solder	SCV-xxxx, CCV-xxxx	Ceramic	
<b>MFR-1120, MFR-1140, MFR-1150, MFR-1160, MFR-1161, MFR-1350, MFR-1351, MFR-2210, MFR-2211, MFR-2240, MFR-2241 (+ MFR-DSI,-DSX,-SDI &amp; -SDX) - CARTRIDGES ONLY</b>				
<b>T</b>	Solder / Rework	STP-xxxx, RTP-xxx	Temp Sensitive	MFR-H1-SC  MFR-H6-SSC  MFR-H4-TW  MFR-H5-DS
<b>F</b>	Solder / Rework	SFP-xxxx, RFP-xxx	FR4/Glass Fiber	
<b>C</b>	Solder / Rework	SCP-xxxx, RCP-xxx	Ceramic	
<b>T</b>	Tweezer	TTP-xxxxx	Temp Sensitive	
<b>F</b>	Tweezer	TFP-xxxxx	FR4/Glass Fiber	
<b>C</b>	Tweezer	TCP-xxxxx	Ceramic	
<b>F</b>	Desolder	DFP-xxxx	FR4/Glass Fiber	MFR-H5-DS
<b>C</b>	Desolder	DCP-xxxx	Ceramic	

## Product Migration Path

OLD SYSTEM	Consumables	NEW SYSTEM	Consumables	Hand-pieces	Difference / Benefit
MFR-DSX External Air MFR-DSI Internal Pump MFR-SDX External Air MFR-SDI Internal Pump	DxP SxP, TxP, RxP	MFR-1150 Shop Air MFR-1350 Internal Pump MFR-1351 Internal Pump	DxP SxP, TxP, RxP	Backward and forward compatible. MFR-H5-DS will not fit in MFR-WSDS but new part is available: MFR-H5DS-C	The hand-piece design allows it to be used in two configurations, a pencil style or with a pistol grip  Solder collection capability have been increased by 40% from previous MFR desolder systems  Innovative collection chamber for quick and easy change
					Compatible with previous MFR Desolder range  Same Consumables.



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## Cradles

**WS2CB**  
Black cradle for Auto Sleep Workstand WS2

**WS2CG**  
Green cradle for Auto Sleep Workstand WS2G

**WS1CB**  
Black cradle for Auto Sleep Workstand WS1

**WS1CG**  
Green cradle for Auto Sleep Workstand WS1G



## Hand Soldering & Rework Product Guide

### PS-900 & MFR Series



BRO-HSRPG-11

PS - 9 0 0

MFR - 1 1 0 0

MFR - 2 2 0 0

MFR - 1 3 0 0

POWER SUPPLIES



**PS-PW900**  
Production Soldering



**MFR-PS1100**  
Single Output Soldering & Rework



**MFR-PS2200**  
Dual Simultaneous Output Soldering & Rework



**MFR-PS1300**  
Switched Two-Port Solder / Desolder with Internal Pump

HAND-PIECES



**PS-HC3**  
Includes PS-CA3 coil



**MFR-H2-ST**  
Includes MFR-CA2 coil



**MFR-H6-SSC**



**MFR-H1-SC**



**MFR-H4-TW**



**MFR-H5-DS**

WORKSTANDS



**WS2-NS** Non Sleeper version  
**WS2** Auto Sleep Workstand is also available



**WS2G** Green Auto Sleep Workstand



**WS1** Auto Sleep Workstand



**WS1G** Green Auto Sleep Workstand



**MFR-WSPT** Non Sleeper Workstand



**MFR-WSDSX** Venturi Workstand Requires Shop Air



**MFR-WSDSU** Non Sleeper Workstand

TIPS & CARTRIDGES



**SxV** Soldering Tips



**CxV** Blade Tips



**SxP** Soldering Cartridges



**RxP** Rework Cartridges



**TxP** Tweezer Cartridges



**DxP** Desoldering Tips

**Metcal SSC Cartridges** Only for use with MFR-H6-SSC Hand-piece

SYSTEMS

All our Soldering Systems are in conformity with the cTUVus and CE certifications

**PS-900** Includes PS-PW900 PS-HC3 WS2-NS and 1 STV-CH24A Soldering Tip

**MFR-1110** incl. MFR-PS1100, MFR-H1-SC and WS1  
**MFR-1120** incl. MFR-PS1100, MFR-H2-ST and WS1  
**MFR-1140** incl. MFR-PS1100, MFR-H4-TW and MFR-WSPT  
**MFR-1150** incl. MFR-PS-1100, MFR-H5-DS and MFR-WSDSX  
**MFR-1160** incl. MFR-PS1100, MFR-H6-SSC and WS2  
**MFR-1161** incl. MFR-PS1100, MFR-H1-SC, MFR-H6-SSC, 1 x WS1 and 1 x WS2

**MFR-2210** incl. MFR-PS2200, MFR-H1-SC and WS1  
**MFR-2220** incl. MFR-PS2200, MFR-H2-ST and WS1  
**MFR-2240** incl. MFR-PS2200, MFR-H4-TW and MFR-WSPT  
**MFR-2211** incl. MFR-PS2200, 2 x MFR-H1-SC and 2 x WS1  
**MFR-2222** incl. MFR-PS2200, 2 x MFR-H2-ST and 2 x WS1  
**MFR-2241** incl. MFR-PS2200, MFR-H1-SC, MFR-H4-TW WS1 and MFR-WSPT

**MFR-1350** incl. MFR-PS1300, MFR-H5-DS and MFR-WSDSU  
**MFR-1351** incl. MFR-PS1300, MFR-H5-DS, MFR-H1-SC, MFR-WSDSU and WS1

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