



MFR-2200 Series

Dual Simultaneous Soldering & Rework System

Systems Guide & MFR Range Comparison

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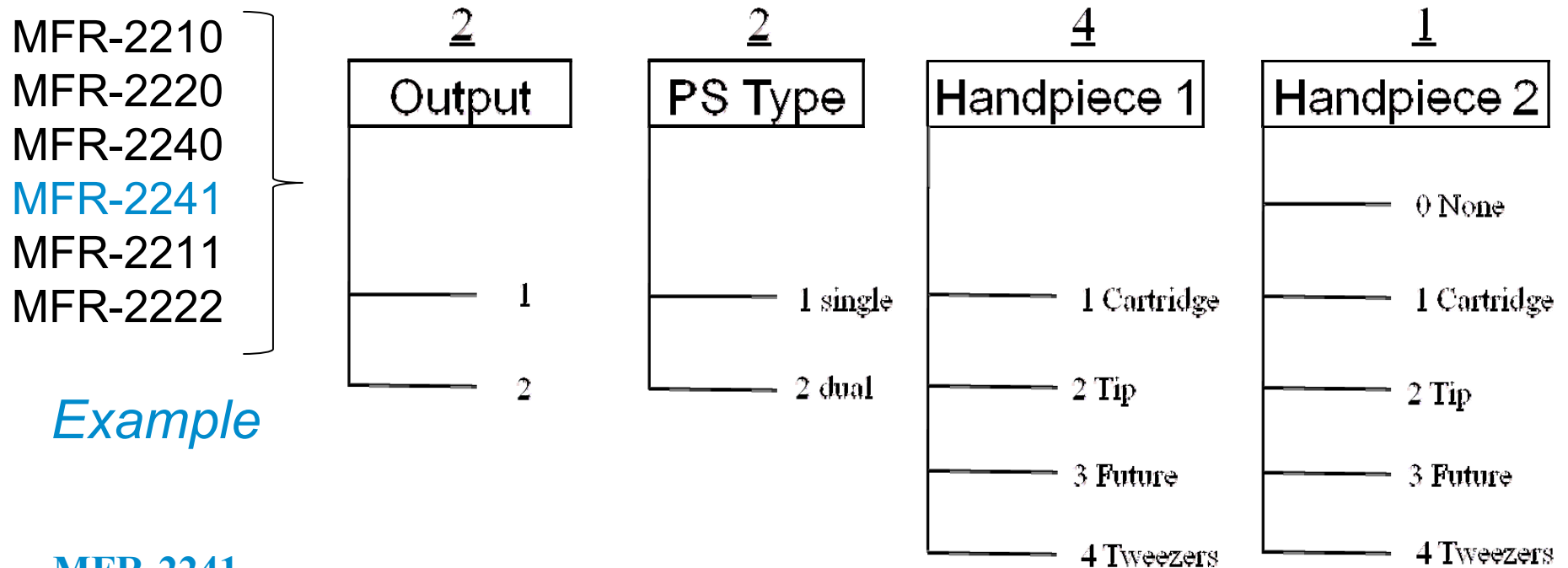
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System Cross Reference Guide

New MFR Systems	Description	Power Supply	Hand-piece(s) Included	Workstand(s) Included	Existing MFR Systems
MFR-2210	Dual output, one cartridge soldering hand-piece, workstand	MFR-PS2200	MFR-H1-SC	WS1	MFR-SRC
MFR-2220	Dual output, one tip soldering hand-piece, workstand	MFR-PS2200	MFR-H2-ST with MFR-CA2	WS1	MFR-PST
MFR-2240	Dual output, one precision tweezers hand-piece, workstand	MFR-PS2200	MFR-H4-TW	MFR-WSPT	MFR-PTW
MFR-2241	Dual output, one precision tweezers, one cartridge soldering hand-piece, work stands for each hand-piece	MFR-PS2200	MFR-H4-TW & MFR-H1-SC	MFR-WSPT & WS1	MFR-PTZ
MFR-2211	Dual output, two cartridge soldering hand-pieces	MFR-PS2200	MFR-H1-SC (2)	WS1 (2)	None
MFR-2222	Dual output, two tip soldering iron hand-pieces	MFR-PS2200	MFR-H2-ST (2) with MFR-CA2	WS1 (2)	None

System Configurations & Part Numbers

6 NEW SYSTEMS



Example

MFR-2241

- MFR-2xxx = 2 Outputs
- MFR-x2xx = 2 Dual, no pump
- MFR-xx4x = 4 Tweezers
- MFR-xxx1 = 1 Cartridge

Power Supply Comparison



MFR-PS1K (Existing)

- ▶ Power: 50W
- ▶ Output: dual *switched*
 - ▶ Two position switch- left or right
 - ▶ Markings on front panel: none
- ▶ Sleep function: “Auto-Standby”, user selectable to one hour
- ▶ Auto-off: user adjustable to 2.5 hours

MFR-PS2200 (New)

- ▶ Power: 60W
- ▶ Output: dual *simultaneous*
 - ▶ Three position switch: left, center (both) or right
 - ▶ Markings on front panel: “I || I”
- ▶ Sleep function: via Auto Sleep Workstands
- ▶ Auto-Off: fixed at two hours

Hand-piece Guide

New Hand-piece	Existing Hand-pieces	Description	Tips & Cartridges
MFR-H1-SC	MFR-HSR	<u>H</u> and-piece, <u>s</u> oldering <u>c</u> artridge	SFP & RFP
MFR-H2-ST	MFR-HPS	<u>H</u> and-piece, <u>s</u> oldering <u>t</u> ip	SFV
MFR-H4-TW	MFR-HPT	<u>H</u> and-piece, <u>t</u> weezers <u>c</u> artridge	TFP

Design Change of New Hand-pieces

The new hand-pieces, MFR-H1-SC, MFR-H2-ST & MFR-H4-TW, do not contain the *motion switch* which detects movement and activates the “Auto-Standby” or “Auto-Off” modes in the existing model, MFR-PS1K.

Backwards Compatibility: New Hand-pieces to Old Power Supply

The new hand-pieces can be used with the old power supplies (MFR-PS1K) but MUST also include an Auto Sleep Workstand (WS1). NOTE: When the new hand-pieces are used with the MFR-PS1K, the “Auto-Off” function will not function. **WHILE THE NEW HAND-PIECES CAN BE USED WITH THE EXISTING POWER SUPPLY (MFR-PS1K), IT IS NOT RECOMMENDED.**

Forward Compatibility: Old Hand-pieces to New Power Supply

The new power supply (MFR-PS2200) will operate all of the old hand-pieces. **HOWEVER, the old hand-pieces must use Auto Sleep Workstands to retain the "sleep" function.**

Upgrade Kits

New Upgrade Kit	Existing Upgrade Kit	Hand-piece	Workstand
MFR-UK1	MFR-SRC-AD	MFR-H1-SC: hand-piece, solder cartridge	WS1: Sleeper workstand, black cradle
MFR-UK2	MFR-PST-AD	MFR-H2-ST: hand-piece, solder tip	WS1: sleeper workstand, black cradle
MFR-UK4	MFR-PTZ-AD	MFR-H4-TW: hand-piece, precision tweezers	MFR-WSPT: workstand, black cradle

Upgrade Kits allow the user to add hand-pieces and workstands as needed. There is no financial “penalty” for adding to an existing system.

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