

# New SSC Cartridge Hand-piece



## Migrate from Metcal SP200 to OKi MFR Series using the same SSC cartridges and gain added versatility

The new MFR-H6-SSC cartridge soldering hand-piece for the MFR-1100 or MFR-2200 Series Soldering and Rework Systems allows users of the soon to be discontinued Metcal SP200 Soldering System to continue using their SSC cartridges.

This new hand-piece provides a natural migration path for the Metcal SP200 users to the MFR-1100 or MFR-2200 Soldering and Rework Systems. The entire range of Metcal SSC cartridges is still available and fully compatible with the new MFR-H6-SSC hand-piece as well as the WS2 workstand.

This transition offers the following benefits:

- No consumable stock change
- No change of tip geometry selection
- Enhanced system versatility: the MFR Series has single or double output and a choice of a further 3 hand-pieces.



**MFR-1160** (MFR-1100 Single Output Soldering & Rework System with MFR-H6-SSC hand-piece)



**MFR-H6-SSC** Hand-piece with Metcal SSC Cartridge



## New

| Part Number | Description  |
|-------------|--|
| MFR-H6-SSC  | SSC Cartridge Soldering Hand-piece for MFR Series Soldering & Rework Systems               |
| MFR-1160    | Single output MFR-1100, MFR-H6-SSC Hand-piece, Workstand                                   |
| MFR-1161    | Single output MFR-1100, MFR-H6-SSC and MFR-H1-SC Cartridge Hand-pieces, two WS1 Workstands |
| MFR-UK6     | Upgrade Kit : MFR-H6-SSC Hand-piece and WS1 Workstand                                      |

## MFR Series Single & Double Output Soldering and Rework Systems

### Key Features & Benefits

- SmartHeat® Technology provides exceptional power for high thermal demand applications
- Single Output (MFR-1100 Series) or Dual Output (MFR-2200 Series)
- High power output at a fixed temperature provides high throughput with excellent yields
- Four hand-pieces available for increased application solutions for soldering and rework on one system
- Each hand-piece has a comprehensive range of cartridges or tips for maximum flexibility
- Hand-pieces are ergonomic for operator safety and comfort



MFR-2241 with MFR-1120

### Multiple Hand-pieces Increase User Flexibility

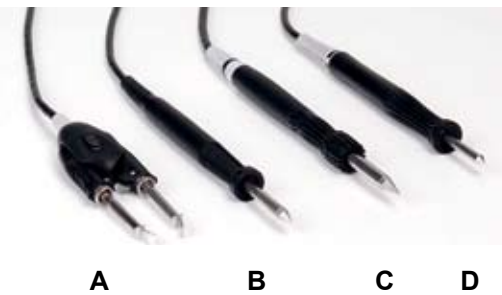
The MFR Series offers maximum application solutions with a choice of four hand-pieces:

The MFR-H1-SC Cartridge Hand-piece offers a comprehensive range of soldering and rework cartridges, similar to our popular Metcal range, that provide fine-access soldering tips, SMD rework tips and pad clean-up blade tips.

The MFR-H6-SSC Cartridge Hand-piece is for use with the Metcal SSC range of cartridges.

A hand-piece for production soldering, MFR-H2-ST, features high power and tips designed for production soldering environments.

A fourth option for the system is the MFR-H4-TW Precision Tweezers Hand-piece. This hand-piece is ideal for SMD removal of 0201 resistors to 28 mm long SOIC.



- A. MFR-H4-TW Precision Tweezers
- B. MFR-H6-SSC Soldering Cartridge
- C. MFR-H2-ST Soldering Tip
- D. MFR-H1-SC Soldering Cartridge



To view the complete range of cartridges and tips please visit [www.okinternational.com](http://www.okinternational.com)

### SYSTEM CONFIGURATIONS

| System Number and Components | MFR-PS1100 Power Supply | MFR-PS2200 Power Supply | MFR-H1-SC Soldering hand-piece - cartridge | MFR-H6-SSC Soldering hand-piece - cartridge | MFR-H2-ST Soldering hand-piece - tip | MFR-H4-TW Tweezers hand-piece - cartridge | WS1 Universal Soldering hand-piece workstand | MFR-WSPT Tweezers workstand |
|------------------------------|-------------------------|-------------------------|--|---|--------------------------------------|---|--|-----------------------------|
| MFR-1110                     | 1                       |                         | 1  |   |                                      |   | 1  |                             |
| MFR-1120                     | 1                       |                         |  |   | 1                                    |   | 1  |                             |
| MFR-1140                     | 1                       |                         |  |   |                                      | 1   |  | 1                           |
| MFR-1160                     | 1                       |                         |  | 1   |                                      |   | 1  |                             |
| MFR-1161                     | 1                       |                         | 1  | 1   |                                      |   | 2  |                             |
| MFR-2210                     |                         | 1                       | 1  |   |                                      |   | 1  |                             |
| MFR-2220                     |                         | 1                       |  |   | 1                                    |   | 1  |                             |
| MFR-2240                     |                         | 1                       |  |   |                                      | 1   | 1  | 1                           |
| MFR-2211                     |                         | 1                       | 2  |   |                                      |   | 2  |                             |
| MFR-2222                     |                         | 1                       |  |   | 2                                    |   | 2  |                             |
| MFR-2241                     |                         | 1                       | 1  |   |                                      | 1   | 1  | 1                           |

- Do not use the MFR-H6-SSC hand-piece with the MFR-PM70 Power Meter.
- The MFR-H6-SSC should not be used with the older style MFR-PS1K or MFR-PS2K Power Supplies.
- Conceptually, the MFR-H6-SSC Hand-piece handle is the same as the SP-HC1 (for SP200) but substitutes the MFR-H1-SC cord and connector in place of the PS200 cord and connector. Therefore the MFR-H6-SSC is not backward compatible with the SP200.