



## MFR-1160

This system will allow users of the Metcal SP200 Soldering System to continue to use their Metcal SSC cartridges.

### Key Features & Benefits

- SmartHeat® Technology provides exceptional power for high thermal demand applications
- High power output at a fixed temperature provides high throughput with excellent yields
- MFR-H6-SSC hand-piece has a comprehensive range of Metcal SSC cartridges for maximum flexibility
- Hand-pieces are ergonomic for operator safety and comfort

### MFR-1160 Single output, one cartridge soldering hand-piece, workstand

Part No.	Description
MFR-1160	Single output, one cartridge soldering hand-piece, workstand

#### System

#### Components

MFR-H6-SSC	Hand-piece, Metcal SSC Soldering Cartridge
MFR-PS1100	Power Supply, Single Output
WS1	Auto Sleep Workstand

### Technical Specifications

MFR-1110, MFR-1120, MFR-1140, MFR-1160, MFR-1161

**Input Line Voltage / Frequency:**

100- 240 VAC, 50/60 Hz grounded circuit

**Power Consumption:**65 Watts maximum

**Power Output Maximum:**

60 Watts max. at 22° C

**Output Frequency:**450 KHz

**Idle Temperature Stability:**± 1.1° C (2° F)

**Ambient Operating Temperature:**

10- 40° C (50° F - 104° F)

**Maximum Enclosure Temperature:**55° C (131° F)

**Power Cord 3-Wire:**183cm (18/3") SJT

**Hand-piece Cable Length:**

L=122cm (48"), burn resistant, ESD safe

**Hand-piece Connector:**8-pin circular DIN

**Tip-to-Ground Potential:**< 2mV

**Tip-to-Ground Resistance:**< 2 ohms

**Certification / Marking:**cTUVus, CE

**Power Supply Dimensions w x d x h:**

90mm x 142mm x 197mm (3.5" x 5.6" x 7.8")

**Workstand Dimensions w x d x h:**

100 mm x 200 mm x 100 mm (4" x 8" x 4")

**Surface Resistivity:**10<sup>5</sup>-10<sup>9</sup> Ohms

**Weight:**

**MFR-PS1100:** 2.3 kg (5.05 lbs)

**Hand-piece:** 0.12 kg (0.26 lbs)

**Workstand:** 0.69 kg (1.51 lbs)

**MFR-PS100 w/ hand-piece and workstand:**

3.1 kg (6.84 lbs)