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-UK6
Solder Cartridge Hand-piece (MFR-H6-SCC) and Workstand (WS1)

Tips and Cartridges

<table>
<thead>
<tr>
<th>Series</th>
<th>Function</th>
<th>Part Code Format</th>
<th>Application</th>
<th>Hand-piece</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS-900, MFR-1120 MFR-2220 &amp; MFR-2222 (+ PS-800E &amp; MFR-PST) TIPS ONLY</td>
<td>Solder</td>
<td>STV-xxxx</td>
<td>Temp Sensitive</td>
<td>PS-HC3 MFR-H2-ST (MFR-HPS) (PS-HC2)</td>
</tr>
<tr>
<td></td>
<td>Solder</td>
<td>SFV-xxxx, CFV-xxxx</td>
<td>FR4/Glass Fiber</td>
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<tr>
<td></td>
<td>Solder</td>
<td>SCV-xxxx, CCV-xxxx</td>
<td>Ceramic</td>
<td></td>
</tr>
<tr>
<td>MFR-1120, MFR-1140, MFR-2210, MFR-2240, MFR-2241, MFR-DSI,-DSX,-SDI &amp;-SDX (+ MFR-PTZ &amp; MFR-SCR) CARTRIDGES ONLY</td>
<td>Solder / Rework</td>
<td>STP-xxxx, RTP-xxx</td>
<td>Temp Sensitive</td>
<td>MFR-H1-SC</td>
</tr>
<tr>
<td></td>
<td>Solder / Rework</td>
<td>SFP-xxxx, RFP-xxx</td>
<td>FR4/Glass Fiber</td>
<td>MFR-HSR</td>
</tr>
<tr>
<td></td>
<td>Solder / Rework</td>
<td>SCP-xxxx, RCP-xxx</td>
<td>Ceramic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tweezer</td>
<td>TTP-xxxx</td>
<td>Temp Sensitive</td>
<td>MFR-H4-TW (MFR-HPT)</td>
</tr>
<tr>
<td></td>
<td>Tweezer</td>
<td>TFP-xxxx</td>
<td>FR4/Glass Fiber</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tweezer</td>
<td>TCP-xxxx</td>
<td>Ceramic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Desolder</td>
<td>DFP-xxxx</td>
<td>FR4/Glass Fiber</td>
<td>MFR-HDS</td>
</tr>
<tr>
<td></td>
<td>Desolder</td>
<td>DCP-xxxx</td>
<td>Ceramic</td>
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</tbody>
</table>

Product Migration Path

<table>
<thead>
<tr>
<th>OLD SYSTEM</th>
<th>Consumables</th>
<th>NEW SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFR-PST</td>
<td>SxV</td>
<td>MFR-1120, MFR-2220, MFR-2222</td>
</tr>
<tr>
<td>MFR-SRC/PTZ</td>
<td>SxP, DxP, TxP, RxP</td>
<td>MFR-1110, MFR-1140, MFR-2210</td>
</tr>
<tr>
<td>PS-800 / PS-800E</td>
<td>PHT, SxV</td>
<td>PS-900</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Consumables</th>
<th>Hand-pieces</th>
<th>Difference / Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>SxV, CxV</td>
<td>Backward and forward compatible</td>
<td>The MFR-2200 features increased power, offering improved thermal performance and dual simultaneous operation of two hand-pieces, rather than switched ports.</td>
</tr>
<tr>
<td>SxP, DxF, TxP, RxP</td>
<td>Backward and forward compatible</td>
<td>The PS-900 is a low cost P2P soldering system with significantly increased power and performance. Metal housing vs. plastic housing.</td>
</tr>
</tbody>
</table>

Please note: built in sleep/shutdown functionality will be lost when using new hand-piece on older systems.

www.okinternational.com
Power Supplies

- **PS-PW900**
  - Single Output Soldering & Rework
  - Production Soldering

Hand-Pieces

- **PS-HC3**
  - Includes PS-CA3 coil
  - MFR-H2-ST
    - Includes MFR-CA2 coil
  - MFR-H6-SSC
  - MFR-H1-SC
  - MFR-H4-TW
  - Only for use with MFR-H6-SSC Hand-piece

Work-Stands

- **WS2**
  - Auto Sleep Workstand
  - WS2-NS Non Sleeper version

- **WS1**
  - Auto Sleep Workstand

Tips & Cartridges

- **SxV**
  - Soldering Tips
- **CxV**
  - Blade Tips
- **SxP**
  - Soldering Cartridges
- **RxP**
  - Rework Cartridges
- **TxP**
  - Tweezer Cartridges
- **DxP**
  - Desoldering Tips

Metcal SSC Cartridges

Systems

- **PS-900**
  - Includes PS-PW900, PS-HC3 and WS2

- **MFR-1100**
  - Includes MFR-PS1100, MFR-H1-SC and WS1

- **MFR-1120**
  - Includes MFR-PS1100, MFR-H2-ST and WS1

- **MFR-1140**
  - Includes MFR-PS1100, MFR-H4-TW and MFR-WSPT

- **MFR-1160**
  - Includes MFR-PS1100, MFR-H6-SSC and WS1

- **MFR-1161**
  - Includes MFR-PS1100, MFR-H1-SC, MFR-H6-SSC and 2 x WS1

- **MFR-2210**
  - Includes MFR-PS2200, MFR-H1-SC and WS1

- **MFR-2220**
  - Includes MFR-PS2200, MFR-H2-ST and WS1

- **MFR-2240**
  - Includes MFR-PS2200, MFR-H4-TW and MFR-WSPT

- **MFR-2221**
  - Includes MFR-PS2200, 2 x MFR-H1-SC and 2 x WS1

- **MFR-2222**
  - Includes MFR-PS2200, 2 x MFR-H2-ST and 2 x WS1

- **MFR-22241**
  - Includes MFR-PS2200, MFR-H1-SC, MFR-H4-TW WS1 and MFR-WSPT

- **MFR-DSX**
  - Includes MFR-PS2X, MFR-HDS and MFR-WSDS

- **MFR-DS1**
  - Includes MFR-PS2X, MFR-HSR, MFR-HDS, MFR-WSSR and MFR-WSDS

- **MFR-SDX**
  - Includes MFR-PS2X, MFR-HSR, MFR-HDS, MFR-WSSR and MFR-WSDS

- **MFR-SD1**
  - Includes MFR-PS2X, MFR-HSR, MFR-HDS, MFR-WSSR and MFR-WSDS

- **MFR-2211**
  - Includes MFR-PS2200, MFR-H1-SC, MFR-H4-TW WS1 and MFR-WSPT