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**ELECTRONIC MARKER OUTFITS MDA-MDH**

**SUMMARY OF DATA**

**PURPOSE**

To provide for the rapid presentation of information concerning surface and subsurface targets by electronic markers on fixed and rotating unit displays.

**BRIEF DESCRIPTION**

The Marker Outfits convey range and bearing information in the form of synchro or magnetic signals, and convert it into position and bearing marker signals for presentation on any type of display.

The accuracy of the numbers will be to within 5.5% of the sector value in use for range, and to within 0.7 degrees for bearing.

**MAJOR UNITS**

<table>
<thead>
<tr>
<th>Patient No</th>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>5950-AP 184016</td>
<td>Transmitter Marker Data</td>
<td>12 in</td>
<td>9 in</td>
<td>6 in</td>
<td>14 lb</td>
</tr>
<tr>
<td>5950-AP 186915</td>
<td>Retransmitter Marker Data</td>
<td>192 in</td>
<td>15 in</td>
<td>10 in</td>
<td>50-70 lb</td>
</tr>
<tr>
<td>5840-AP 177216</td>
<td>Cabinet Marker Generator</td>
<td>13 in</td>
<td>14 in</td>
<td>15 in</td>
<td>30 lb</td>
</tr>
<tr>
<td>5840-AP 177220</td>
<td>Generator Marking Ring</td>
<td>8 in</td>
<td>14 in</td>
<td>8 in</td>
<td>8 lb</td>
</tr>
<tr>
<td>5840-AP 177221</td>
<td>Generator Rings Marker</td>
<td>8 in</td>
<td>14 in</td>
<td>8 in</td>
<td>8 lb</td>
</tr>
<tr>
<td>5840-AP 177222</td>
<td>Generator Marking Ring</td>
<td>8 in</td>
<td>14 in</td>
<td>8 in</td>
<td>8 lb</td>
</tr>
<tr>
<td>5840-AP 177212</td>
<td>Power Supply</td>
<td>12 in</td>
<td>14 in</td>
<td>12 in</td>
<td>30 lb</td>
</tr>
<tr>
<td>5840-AP 177215</td>
<td>Power, Electronic Marking</td>
<td>13 in</td>
<td>14 in</td>
<td>12 in</td>
<td>30 lb</td>
</tr>
</tbody>
</table>

**POWER REQUIREMENTS**

- Main Inputs: 115 V, 60 Hz, 1 ph, 100 watts per marker
- Servo Reference: 115 V, 400 Hz, 1 ph, 10 watts
- Relay Supply: 14 V, D.C., 3 watts

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HEAT DISSIPATION

Cabinet Marker Generators AP 1734A complete with
Generators, Heating Elements AP 1734 and Generators.
Range Markers AP 1731A
Power Supply AP 1731C
Marker Electronic Marker AP 1731E
Retransmitters Marker Data AP 196007 and AP 196009 60 Watts
Retransmitters Marker Data AP 196008 120 Watts
Retransmitters Marker Data AP 196010 120 Watts
Retransmitters Marker Data AP 196011 and AP 196014 100 Watts
Retransmitters Marker Data AP 196013 150 Watts
Transmitters Marker Data AP 196015 and AP 196016 10 Watts

HANDBOOK
AP 1322

ESTABLISHMENT LIST
E 1384

INSTALLATION SPECIFICATION
B 925

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