Root™
Patient Monitoring Platform Designed to Transform Care

Root™ offers multiple high-impact innovations for broad application across the continuum of care:

- Instantly interpretable, high-visibility display of Masimo’s breakthrough rainbow® and SET® measurements from Masimo’s Radical-7® handheld monitor
- Intuitive, touchscreen navigation for easy and adaptable use in any hospital environment
- Flexible measurement expansion through Masimo Open Connect (MOC-9™)
  - SedLine® brain function monitoring, designed to improve the care of patients under anesthesia or sedation
### ELECTRICAL

**Root:**
- **AC Power Requirements:** 100-240 VAC, 47-63 Hz
- **Power Consumption:** 65W (Max)
- **Fuses Each With:** 2 Amp, Fast Acting, Metric, (5x20mm), 250V

**Battery**
- **Type:** 10.8V Lithium Ion (Nominal)
- **Capacity:** 4 Hours*
- **Maximum Charging Time:** 4 Hours

### ENVIRONMENTAL

- **Operating Temperature:** 32°F to 122°F (0°C to 50°C)
- **Transport/Storage Temperature:** -40°F to 158°F (-40°C to 70°C)
- **Operating Humidity:** 10% to 95%, Non-Condensing
- **Storage Humidity:** 10% to 95%, Non-Condensing
- **Operating Altitude:** 500 mbar to 1060 mbar (-1,000 ft to 18,000 ft (-304 m to 5,486 m))

---

### PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weight</strong></td>
<td>&lt;8 lbs (3.63 kg)</td>
</tr>
<tr>
<td><strong>Dimension</strong></td>
<td>11 in x 10.5 in x 5.5 in (27.94 cm x 26.67 cm x 13.97 cm)</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Backlit Active Matrix TFT LCD</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>1280 x 800 Pixels</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>24 bit RGB</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>10.1 in (25.65 cm) Diagonal</td>
</tr>
<tr>
<td><strong>Touchscreen</strong></td>
<td>Multi-Touch P-Cap</td>
</tr>
</tbody>
</table>

### CONNECTIONS

- **Nurse Call:** 1/4-in Round Female (1)
- **MOC-9:** Masimo Connector (3)
- **USB:** USB 2.0 (2)

---

*This represents approximate run time at the lowest indicator brightness, using a fully charged battery.

Caution: Federal law restricts this device to sale by or on the order of a physician.