

# 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

## CUSTOMIZABLE FOR ANY CARE AREA



> Root with Trend View



> Root with Analog View

## PERFORMANCE

### 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

Weight	<8 lbs (3.63 kg)
Dimension	11 in x 10.5 in x 5.5 in (27.94 cm x 26.67 cm x 13.97 cm)

#### Display

Type	Backlit Active Matrix TFT LCD
Resolution	1280 x 800 Pixels
Color	24 bit RGB
Size	10.1 in (25.65 cm) Diagonal

#### Touchscreen

Type	Multi-Touch P-Cap
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### CONNECTIONS

#### Connector

	Type (Number of Ports)
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.**