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 anaesthesia or sedation
  - Phasein™ capnography for sidestream monitoring featuring the Nomoline™ single or multi-use adapter for cost-effective consumable options
  - Designed for third-party measurement expansion to allow other companies to add to the platform’s measurements
- Built-in connectivity gateway through Iris™ for standalone devices such as IV pumps, ventilators, beds, and other patient monitors
- Automatic display of parameters, waveforms, and viewing configuration based on the clinician’s presence through MyView™ technology
CUSTOMISABLE FOR ANY CARE AREA

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 ........................................ 32ºF to 122ºF (0ºC to 50ºC)
Transport/Storage Temperature ............................. -40ºF to 158ºF (-40ºC to 70ºC)
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 (279.4 cm x 26.7 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

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

For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions, and adverse events.