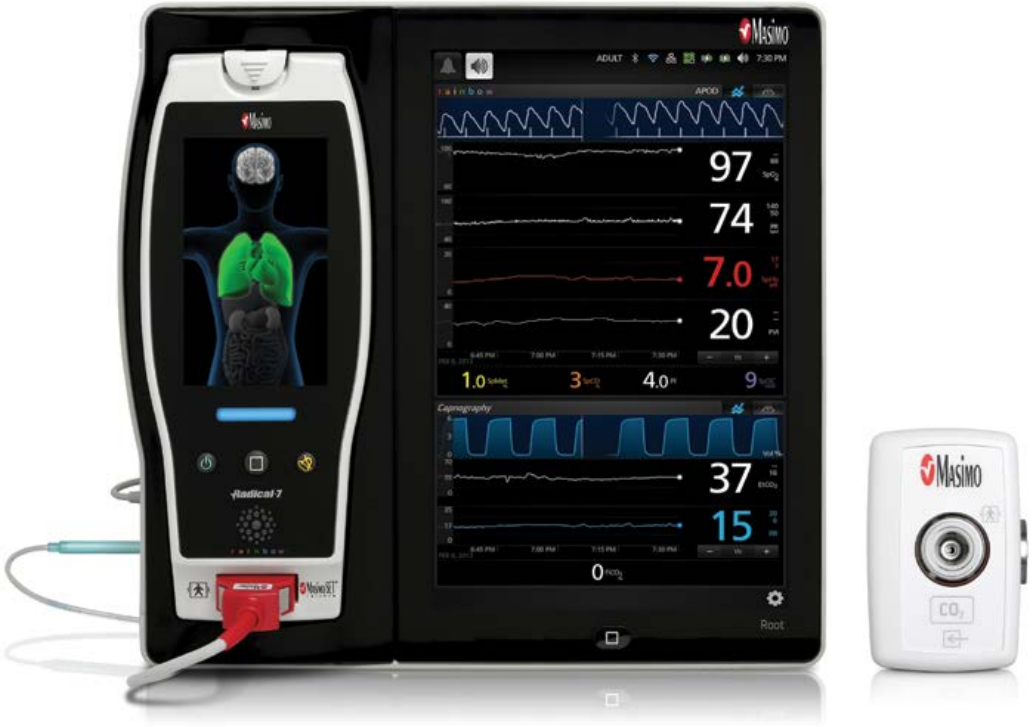
Capnography

Providing the ultimate sidestream performance along with cost-effective disposables



The ISA™ CO_2 module for the Root® patient monitoring and connectivity platform provides flexible applications across the continuum of care

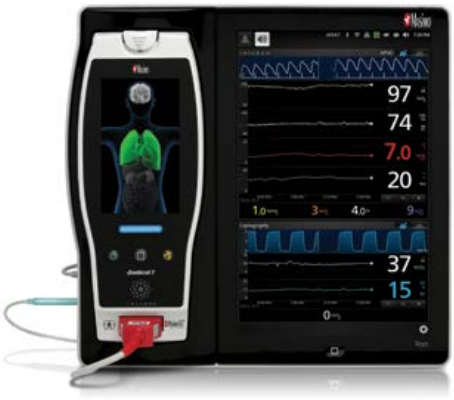
- Displays end-tidal carbon dioxide ($EtCO_2$) waveform and measurements and trends of $EtCO_2$, fractional concentration of inspired carbon dioxide ($FiCO_2$), and respiration rate (RR)
- Appropriate for monitoring infant, pediatric, or adult patients in a range of hospital environments including the OR, ICU, and medical-surgical units
- Saves time in critical situations with virtually no warm-up time and full accuracy performance in ten seconds
- Supports quiet environment initiatives with no disturbing pump noises
- Generally requires 50 ml/minute sampling flow to support patient monitoring
- External module enables easy movement for use on multiple Root monitors

Nomoline™—No moisture sampling lines and cannulas

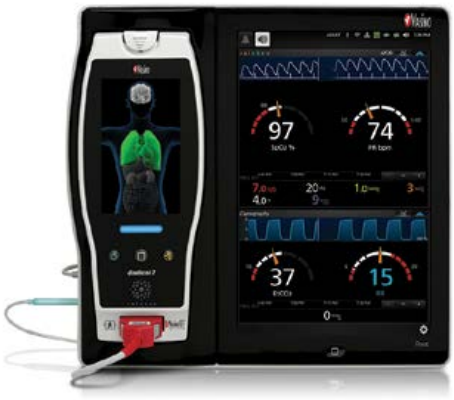
- Reduces disposable costs through:
  - Extended monitoring time in low- and high-humidity environments
  - Use of non-proprietary cannulas
- Revolutionary design eliminates the need for a water trap
- Patented polymer allows water in the sampling line to evaporate into the surrounding air, while leaving oxygen, carbon dioxide, and anesthetic gases unaffected
- Hydrophobic bacterial filter protects ISA analyzers from water intrusion and cross-contamination

Masimo

FEATURES



> Root with capnography in Trend View



> Root with capnography in Analog View

> ISA™ CO_2 module

MOC-9 ports

> The portable ISA CO_2 module easily mounts to the back of the Root patient monitoring platform and connects via Masimo Open Connect™ (MOC-9™) ports on the side

Nomoline Airway Adapter Set for Intubated Patients

Nomoline Adapter for Use with Non-Proprietary Cannulas

SPECIFICATIONS

END-TIDAL CARBON DIOXIDE ($EtCO_2$)	
Range	
$FiCO_2$	0 to 15 vol%
$EtCO_2$	0 to 15 vol%
RR	0 to 150 bpm
Accuracy*	
$FiCO_2$	± (0.2 vol% + 2% of reading)
$EtCO_2$	± (0.2 vol% + 2% of reading)
RR	± 1 bpm

ENVIRONMENTAL	
Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-40°F to 158°F (-40°C to 70°C)
Operating Humidity	<4 kPa H_2O, Non-Condensing (95% RH at 30°C)
Storage Humidity	5 to 100% RH, Condensing (100% RH at 40°C
PHYSICAL CHARACTERISTICS	
Weight	4.5 oz (130 g) including cable
Dimension	1.3 in x 3.1 in x 1.9 in
SAMPLING LINES	
Water Handling	Sampling line with proprietary water removal tubing
Samplig Flow Rate	50 ± 10 ml/min with 2 m Nomoline sampling line

*The following accuracy specifications are valid for dry single gases at 22 ± 5 °C and 1013 ± 40 kPa.

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

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