

# COMET

## Product Information and Specifications



## Product Highlights

Full feature capnography, waveform and trend capability.

Ideal for intubated or non-intubated patients.

Proprietary, stable, low power infrared sensor and auto-zeroing means no frequent user calibration.

Optional printer.

## Technical Specifications

### COMET MONITOR SPECIFICATIONS

<b>Display:</b>	<b>2.4" x 2.4"</b> <b>160 x 160 pixels</b> <b>Backlit Graphic, Monochrome, Liquid Crystal</b>
<b>Sampling:</b>	<b>100 samples per second, both flow and pressure</b>
<b>Power:</b>	<b>Batteries: Internal NiMH</b> <b>Battery Life: 8-12 Hours</b> <b>External charging Unit: 120/240Vac to 9Vdc at 1A</b> <b>Recharge Time: 6-8 Hours</b>
<b>Operating Conditions:</b>	<b>Temperature: 5C - 50C</b> <b>Humidity: to 90% RH non-condensing</b>
<b>Storage:</b>	<b>0C - 70C</b>
<b>Physical:</b>	<b>7.5" H x 4.0" W (varying depth)</b> <b>20 ounces, 1.4 lbs</b>

### NUMERICAL CALCULATIONS, GRAPHICS AND ALARMS

End Tidal CO<sub>2</sub> and Respiratory Rate, Numeric Parameters, etCO<sub>2</sub> waveform with user adjustable scales and sweep speed.

<b>etCO<sub>2</sub></b>	<b>High/Low limit alarm</b>
<b>iCO<sub>2</sub></b>	<b>High limit alarm</b>
<b>Respiratory Rate</b>	<b>High/Low limit alarm</b>
<b>No Respiratory Rate</b>	<b>Enable/Disable alarm</b>

### CAPNOGRAPHY SPECIFICATIONS

<b>CO<sub>2</sub> Range:</b>	<b>0% to 13%</b>
<b>RR Range:</b>	<b>2 to 150 BPM</b>
<b>Accuracy:</b>	<b>±2mmHg or 10% of reading, whichever is greater</b>
<b>Sampling:</b>	<b>50-200 ml/min ± 10%, user adjustable</b>
<b>Warm-Up Time:</b>	<b>10 seconds</b>
<b>Compensation:</b>	<b>O<sub>2</sub> and N<sub>2</sub>O ( 60% O<sub>2</sub>, 40% N<sub>2</sub>O)</b>