



The Capnostream™ 20p patient monitor is built on a legacy of proven performance. For nearly two decades, clinicians have relied on Microstream™ technology for an accurate, continuous view of ventilation adequacy on intubated and non-intubated patients, from neonate to adult. The new Capnostream™ 20p monitor, with the Apnea-Sat Alert feature, alerts caregivers to repetitive patterns of apneas and oxygen desaturation, revealing a more complete picture of a patient's respiratory status.

## Features

- Supports current standards of care by providing etCO<sub>2</sub> and SpO<sub>2</sub> measurements.
- The Capnostream™ 20p patient monitor with Microstream™ includes Smart Alarm Management™ Integrated Algorithms, a suite of algorithms proven to reduce alarms and simplify the use of patient monitoring to enhance patient safety and improve clinical efficiency.
- Screens out low amplitude 'non-breath' etCO<sub>2</sub> excursions like, talking, crying or snoring.
- Reduces clinically insignificant alarms.
- Alerts clinicians to clinically significant changes in pulse oximetry.
- IPI algorithm presents one value that demonstrates real-time respiratory status based on etCO<sub>2</sub>, RR, PR and SpO<sub>2</sub>
- Tracks and reports apneas per hour and oxygen desaturation index, and provides the data in trend reports.
- Compatible with central monitoring systems and interfaces with nurse call systems and electronic medical records.
- Provides convenient bedside documentation.



# Specifications

<b>Unit Dimensions</b>	167 mm. (h) x 220 mm. (w) x 192 mm. (d) (6.6 in. (h) x 8.7 in. (w) x 7.6 in. (d))
<b>Unit Weight</b>	3.6 kg. 7.94 lb.
<b>Display</b>	12.1"/30.7 cm diagonal LCD (NTSC or PAL) with chemically etched glass layer
<b>Packaged Dimensions</b>	315 mm. (h) x 340 mm. (w) x 285 mm. (d) 12.4 in. (h) x 13.4 in. (w) x 11.2 in. (d)
<b>Power Supply</b>	Input Voltage 100-240 V, 50/60 Hz, $\pm$ 10%.
<b>Microstream™ Capnography</b>	<p>Units: mmHg, kPa or Vol%.</p> <p>Measurement range etCO<sub>2</sub>, FiCO<sub>2</sub> 0-150 mmHg.</p> <p>Respiratory Rate 0 bpm-150 bpm.</p> <p>Resolution 1 mmHg.</p> <p>Accuracy (<math>\pm</math>SD) etCO<sub>2</sub>, FiCO<sub>2</sub> 0-38 mmHg <math>\pm</math> 2 mmHg. 39-150 mmHg <math>\pm</math> (5% of reading + 0.08% for every 1 mmHg above 38 mmHg).</p> <p>Respiratory rate: 0-70 bpm <math>\pm</math> 1 bpm, 71-120 bpm <math>\pm</math> 2 bpm, 121-150 bpm <math>\pm</math> 3 bpm.</p> <p>Flow rate 50 ml/minute, flow measured by volume.</p> <p>Waveform sampling 50 millisecond intervals.</p> <p>Response time 2.95 second (typical).</p> <p>Initialization time 40 second (typical).</p> <p>Calibration interval Initial calibration after 1,200 operating hours, then annually or after 4,000 operating hours, whichever comes first.</p>
<b>Nellcor™ Pulse Oximetry</b>	<p>Measurement range 0-100%.</p> <p>Accuracy</p> <p>Adult mode:</p> <ul style="list-style-type: none"> <li>o SpO<sub>2</sub> range 70%-100% <math>\pm</math> 2 digits.</li> <li>o SpO<sub>2</sub> range 0-69% unspecified.</li> </ul> <p>Neonate mode:</p> <ul style="list-style-type: none"> <li>o SpO<sub>2</sub> range 70%-100% <math>\pm</math> 3 digits.</li> <li>o SpO<sub>2</sub> range 0-69% unspecified.</li> </ul> <p>Pulse rate</p> <ul style="list-style-type: none"> <li>o Range: 20-250 BPM.</li> <li>o Accuracy: <math>\pm</math> 3 BPM.</li> <li>o Sat Sec Range: 10, 25, 50, 100.</li> </ul>