

# CAPNOTRON

## VERSATILITY IN CAPNOGRAPHY



### Infinium Lo-Flo™ Module

The Lo-Flo module is a separate and compact plug-in for sidestream capnography



### Capnostat 5™

The Capnostat 5 is a compact external sensor for mainstream capnography applications

- 4 hour battery
- Bright blue screen with waveform and large digits
- Advanced trending

Designed for a demanding environment with a weight of less than 6 LBS the CapnoTron is the ideal choice for EtCO<sub>2</sub> monitoring. The Capnotron is a light and portable capnograph that features the Infinium Lo-Flo and Capnostat 5 EtCO<sub>2</sub> “plug-in” system.

The Infinium Lo-Flo and Capnostat 5 system allows the user to switch between sidestream and mainstream EtCO<sub>2</sub> applications.

- Adjustable and comprehensive alarms
- Hook and handle for bedside mounting
- IV pole mounting capability
- Simplified user interface



Advanced, Affordable Medical Technology For The World

# CAPNOTRON CAPNOGRAPHY MONITOR TECHNICAL SPECIFICATIONS

## LOFLO™ CO<sub>2</sub> SENSOR – SPECIFICATIONS

Transducer Type	Sidestream CO <sub>2</sub> Sensor	
Sample Rate	50 mL/min. ±10 mL/min.	
Principle of Operation	Non-dispersive infrared (NDIR) single beam optics, dual wavelength, no moving parts	
Initialization Time	Capnogram displayed in less than 20 seconds, at an ambient temperature of 25°C, full specifications within 2 minutes	
CO <sub>2</sub> Measurement	Range 0 to 150 mm Hg, 0 to 19.7%, 0 to 20 kPa (at 760 mm Hg). Barometric Pressure supplied by Host	
CO <sub>2</sub> Resolution	0.1 mm Hg 0.25 mm Hg	0 to 69 mm Hg 70 to 150 mm Hg
CO <sub>2</sub> Accuracy	0 – 40 mm Hg 41 – 70 mm Hg 71 – 100 mm Hg 101 – 150 mm Hg Above 80 BPM	±2 mm Hg ±5% of reading ±8% of reading ±10% of reading ±12% of reading
CO <sub>2</sub> Stability	Short Term Drift: Drift over four hours shall not exceed 0.8 mm Hg max. Long Term Drift: Accuracy specification will be maintained over a 120-hour period	
CO <sub>2</sub> Noise	RMS noise of the sensor shall be less than or equal to 0.25 mm Hg at 5% CO <sub>2</sub>	
Respiratory Rate	Range 2 to 150 Breaths Per Minute (BPM)	
Respiratory Rate	Accuracy ±1 breath	
Compensations (Host supplied)	Barometric Pressure 400 mm Hg to 800 mm Hg Operator selectable O <sub>2</sub> / N <sub>2</sub> O compensation	
Calibration	No routine user calibration required	
Regulatory	Designed to meet IEC 60601-1-2, EN55011 – CISPIR 11 Class B (Radiated and Conductive Emissions), IEC 61000-4-2 Electrostatic Discharge Immunity, IEC 61000-4-3 Radiated Immunity, Designed to comply with 93/42/EEC (MDD CE Marking), FDA Standards, Minimum Performance and Safety Requirements for Capnometers and ISO21647. Medical Electrical Equipment performance requirements for the basic safety and essential performance of respiratory gas monitors.	

## CAPNOSTAT™ 5 MAINSTREAM CO<sub>2</sub> SENSOR – SPECIFICATIONS

Transducer Type	Mainstream CO <sub>2</sub> Sensor	
Principle of Operation	Non-dispersive infrared (NDIR) single beam optics, dual wavelength, no moving parts	
Initialization Time	Capnogram, displayed in less than 15 seconds at an ambient temperature of 25°C, full specifications within 2 minutes	
CO <sub>2</sub> Measurement Range	0 to 150 mm Hg, 0 to 19.7%, 0 to 20 kPa (at 760 mm Hg) Barometric Pressure supplied by host	
Rise Time	Less than 60 ms - Adult Reusable or Single-Patient-Use Airway Adapter Less than 60 ms - Infant Reusable or Single-Patient-Use Airway Adapter	
CO <sub>2</sub> Resolution	0.1 mm Hg 0.25 mm Hg	0 to 69 mm Hg 70 to 150 mm Hg
CO <sub>2</sub> Accuracy	0 – 40 mm Hg 41 – 70 mm Hg 71 – 100 mm Hg 101 – 150 mm Hg	±2 mm Hg ±5% of reading ±8% of reading ±10% of reading
Power Rating	Rated input: 1.1 Watts typical. Steady State Up to 1.5 Watts maximum on power up (warm up)	



*The Lo-Flo™ EtCO<sub>2</sub>® module is a separate and compact Plug in that offers the user simplicity in upgrading the Capnotron with EtCO<sub>2</sub>. The Lo-Flo™ module can be added to any Capnotron monitor at any time by simply plugging it in.*



*The Lo-Flo™ EtCO<sub>2</sub>® module can accommodate both mainstream and sidestream EtCO<sub>2</sub> applications. The user can monitor any sidestream application simply by directly plugging in a nasal sample line or airway sample line.*

Specifications are subject to change without notice.

Authorized Distributor:



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