

ETCO2 Sensor



LH800 Sidestream



LH900 Mainstream

Application

Prior Care ETCO2 module is the ideal capnography solution. It is plug-in and play adopts NDIR (non-dispersive infrared) technology for real time CO2 concentration, respiration rate, end-tidal CO2 value and inspired CO2 concentration. Its professional dewater method reduced disturb from the vapor

Features

- Monitoring the patient's respiratory status
- Checking and confirm ET tube placement
- Alarming when accidental extubating occurs
- Detecting ventilator airway connection
- Fully compatible with Respirationics module's protocol
- Assisting the doctor in judging when to connect and remove the ventilator.



Sidestream Filter



Sample Line



Mainstream Adapter

Technical Specifications:

Transducer Type	Sidestream CO2 module(LH800) and Mainstream CO2 sensor(LH900)
Sample Rate	50 mL/min, 100mL/min.
Operation Principle	Non-dispersive infrared (NDIR)
Initialization Time	Capnogram displayed in less than 20 seconds Reaching full specifications within 20 minutes.
CO2 Measure Range	0 - 150 mmHg 0 - 19.7% 0 - 20kPa
CO2 Resolution	0.1 mm Hg
CO2 Accuracy	0 - 40 mmHg ±2 mmHg 40 - 114 mmHg ±5% of reading 71 - 100mmHg ±8% of reading 101 - 150mmHg ±10% of reading
Respiratory Rate	Range 3 to 150BPM Accuracy ±1 breath
Calibration	No routine user calibration required, The mainstream sensor an airway adapter zero is required when changing to a different airway adapter
Compensation	Barometer Pressure 450 - 850 mmHg. User selectable O2 ,N2O,He compensation.
Voltage & Power	5.0 VDC ±5%, power consumption less than 1.3W typical
Temp& Humidity	Operating: 0° to 40°, 10 to 90% RH, Storage: -40° to 70°C, <90% RH
Data Interface	Rs232, 19200 baud rate, standard N-8-1. Fully compatible with Respiration CO2 module's communication protocol
Regulatory	Designed to comply YY0601 and ISO21647

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