LOFLO® SIDESTREAM CO₂ SENSOR

21st Century CO₂ Technology™ for sidestream CO₂ monitoring in both intubated and non-intubated patients.

The new LoFlo Sensor is the ideal low sampling-rate capnography solution for your patient monitoring system. LoFlo features cutting-edge technology for measurement of End-Tidal Carbon Dioxide (ETCO₂) and respiratory rate. It delivers a clear, accurate capnogram at all respiratory rates up to 150 breaths per minute. With a sampling rate of 50 mL/min, it is ideal for use on adult, pediatric and infant patients; patients undergoing procedural sedation; and short-term monitoring of intubated patients using Respiration nasal cannulas and on-airway adapter kits.

Unlike other sidestream ETCO₂ systems, the LoFlo Sensor does not require routine calibration, making it an easy-to-use system that delivers accurate information when and where you need it.

MAINSTREAM OR SIDESTREAM

We offer customers the best of both sampling technologies. Because the LoFlo Sensor is designed with the same analyzer and electronics as the CAPNOSTAT® 5 Mainstream Sensor, it’s easy to switch between the two. Simply unplug one sensor, replace it with the other, and the monitor adjusts automatically. The LoFlo Sensor’s small, lightweight package is designed to be shared. It is easily moved between monitoring systems or used during transport. The sensor can be mounted to a bedrail or a pole, or left as part of the system cabling.
JUST PLUG IN
The electronics associated with our CO₂ technology are all incorporated into the sensor, eliminating the need for a PC board inside the host monitor. In addition, the data set for both the LoFlo® sidestream and CAPNOSTAT® 5 mainstream technologies are identical so either sensor easily “plugs” into your monitor, providing customers with the most flexible solution available on the market today.

PROVEN RELIABILITY
The LoFlo Sensor uses sophisticated infrared absorption spectroscopy to measure EtCO₂. Because the sampling cell and filter are attached to the disposable sampling kits, water and secretions are prevented from contaminating the internal CO₂ measurement bench. This provides continuous protection and maximum reliability which helps to reduce maintenance and minimize overall cost-of-ownership. What’s more, our unique family of LoFlo sampling cannula kits are disposable and easy to use.

COMPLETE OEM SOLUTIONS
As the recognized global leader in capnography, Respironics has been providing innovative and cost-effective products to OEM customers for over 18 years. LoFlo is just one of many solutions we offer to our OEM customers. Respironics customizes innovative products and comprehensive engineering, clinical and marketing support to help meet the growing needs of your business.