

Capnography Solutions

Physio-Control offers comprehensive solutions to assist your system in implementing a capnography monitoring program.



Ready to start your capnography program?

Physio-Control can help.

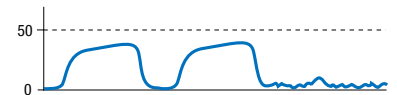
Monitoring of EtCO₂ is quickly becoming the standard in ALS care. Physio-Control, in conjunction with Oridion, offers you several solutions for measuring and recording EtCO₂, respiratory rate and capnography waveform.

More and more states are mandating the use of capnography in the field, as it is a valuable and effective way to monitor patient ventilation. Capnography also helps medics verify and monitor correct placement of ET tubes and can allow field professionals to quickly assess patients in respiratory distress. In addition to clear patient benefit with monitoring EtCO₂, Physio-Control and Oridion solutions are simple and easy to use. Today's capnography monitoring technology has improved upon earlier sidestream and mainstream technology.

Capnography monitoring helps you provide the best patient care

Intubated EtCO₂ monitoring allows you to:

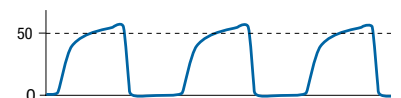
- Verify and monitor ET tube placement
- Demonstrate effectiveness of rescue efforts during CPR
- Detect early signs of ROSC



Sudden Loss of EtCO₂, often associated with ET tube displacement

Non-Intubated EtCO₂ monitoring allows you to:

- Detect obstructive lung diseases such as emphysema or asthma
- Detect hypoventilation during sedation, analgesia, alcohol or drug intoxication, or post-seizure
- Rapidly assess and triage patients; this can be particularly useful when assessing high volumes of critically ill patients



Severe Bronchospasm

For more information on the uses of capnography visit www.capnography.com

Paramedics can confidently take advantage of capnography monitoring advancements such as:

- Ability to use in both intubated and non-intubated patients with no need to change modules
- No need to compensate for O₂ therapy in non-intubated patients
- Accurate readings in pediatric and neonatal patients with small tidal volumes
- Readings unaffected by surrounding levels of CO₂ or surrounding temperature changes
- Automatic calibration

Training and Education Programs

Physio-Control and Oridion offer world-class education programs to train emergency medical professionals in the use of Microstream EtCO₂ monitoring technology. These training options are designed to meet the needs of a broad range of users.

Training options include:

- LIVE WEBCASTS – with expert capnography educators
- TRAINING CLASSES – On-site train the trainer and user training classes
- TRAINING CDs – EMS EducationPAK™ Capnography
- TRAINING KIT – Microstream Capnography for EMS: A Trainer's Guide



Free training is included with certain supply replenishment contracts. For more information, contact your Physio-Control representative or contact Oridion directly at training@oridion.com.

I have a LIFEPAK 12 defibrillator/monitor and I would like to start monitoring EtCO₂. What are my options?

Upgrade your current LIFEPAK® 12 defibrillator/monitor

To upgrade your 12, please contact your local Physio-Control field service representative to schedule installation of the EtCO₂ upgrade. If you do not know your field service representative, or are not a field service plan customer, you can still upgrade your device.

Or purchase a Microcap® or Microcap Plus® handheld monitor

Microcap is a Microstream® handheld monitor that provides continuous CO₂ monitoring for an accurate, reliable and easy-to-use assessment of your patient's ventilation, whether intubated or non-intubated, in any clinical setting.

Physio-Control also offers the Microcap Plus handheld monitor. Microcap Plus provides the same benefits as our Microcap solution while allowing users the ability to monitor both CO₂ and SpO₂ in one lightweight, portable device.

I have an older defibrillator/monitor and I'm ready to purchase a new one with EtCO₂ monitoring features. What are my options?

Buy a new LIFEPAK 12 defibrillator/monitor with EtCO₂. The clear favorite among EMS professionals, over 80,000 LIFEPAK 12 defibrillator/monitors are in use today worldwide. The 12 has evolved to meet the demands of your changing job. Our philosophy is to partner only with best-in-class companies such as Oridion, giving users access to the best patient monitoring capabilities available today. Each new 12 is built ready to implement Microstream technology. For more information on the 12, please contact your Physio-Control sales representative.

I have a 12 with EtCO₂ monitoring capability but we currently aren't using that feature. How can we get started?

Physio-Control, in partnership with Oridion, offers a range of training options and supporting products to help you begin your EtCO₂ monitoring program.

EtCO₂ Supplies

All Oridion FilterLine® breath sampling products are for single patient use only.

ETT Size for Intubated Products: Adult/Pediatric, ≥ 4.0 mm, Infant/Neonate, < 4.0 mm

Standard FilterLine Length: (non-intubated) 255 cm.

Standard FilterLine Length: (intubated) 210 cm.

Long FilterLine Length: 460 cm

Typical duration of use: Up to 8 hours



NON-INTUBATED FILTERLINES (EtCO₂) WITH O₂ DELIVERY TUBING

The Smart CapnoLine® series collects EtCO₂ samples from either the nose or the mouth with O₂ delivery tubing.

	PATIENT WEIGHT	CATALOG NUMBER
Smart CapnoLine Plus O ₂ (ADULT/INTERMEDIATE)		
(10 pack)	≥ 20 kg	11996-000298
(25 pack)	≥ 20 kg	11996-000163
(100 pack)	≥ 20 kg	11996-000167
Smart CapnoLine Plus O ₂ Long (ADULT/INTERMEDIATE)		
(25 pack)	≥ 20 kg	11996-000165
Smart CapnoLine O ₂ (PEDIATRIC)		
(25 pack)	≥ 0 kg, ≤ 20 kg	11996-000128



NON-INTUBATED FILTERLINES (EtCO₂)

The Smart CapnoLine series collects EtCO₂ samples from either the nose or the mouth.

	PATIENT WEIGHT	CATALOG NUMBER
Smart CapnoLine Plus with O ₂ tubing connection capability (ADULT/INTERMEDIATE)		
(10 pack)	≥ 20 kg	11996-000297
(25 pack)	≥ 20 kg	11996-000162
(100 pack)	≥ 20 kg	11996-000166
Smart CapnoLine (PEDIATRIC)		
(25 pack)	≥ 10 kg, ≤ 20 kg	11996-000120



INTUBATED FILTERLINES (EtCO₂)

The FilterLine Set preconnects EtCO₂ sampling line with airway adapter.

	PATIENT WEIGHT	CATALOG NUMBER
FilterLine Set (ADULT/PEDIATRIC)		
(25 pack)	≥ 2 kg	11996-000081
FilterLine Set Long (ADULT/PEDIATRIC)		
(25 pack)	≥ 2 kg	11996-000164
FilterLine H Sets (INFANT/NEONATAL)		
Long duration use for high humidity		
(25 pack)	≤ 2 kg	11996-000001
FilterLine H Set (ADULT/PEDIATRIC)		
Long duration use for high humidity		
(25 pack)	≥ 2 kg	11996-000080



Please contact your Physio-Control sales representative for information about LIFEPAK 12 defibrillator/monitor device or upgrade purchases, Microcap or Microcap Plus purchases or for information about EtCO₂ monitoring training.

Go to <http://www.physio-control.com/support/find-rep/> or call 1.800.442.1142 to get contact information for your local representative.