



Medtronic

FilterLine[®] and Smart CapnoLine[™] EtCO₂ Breath Sampling Products

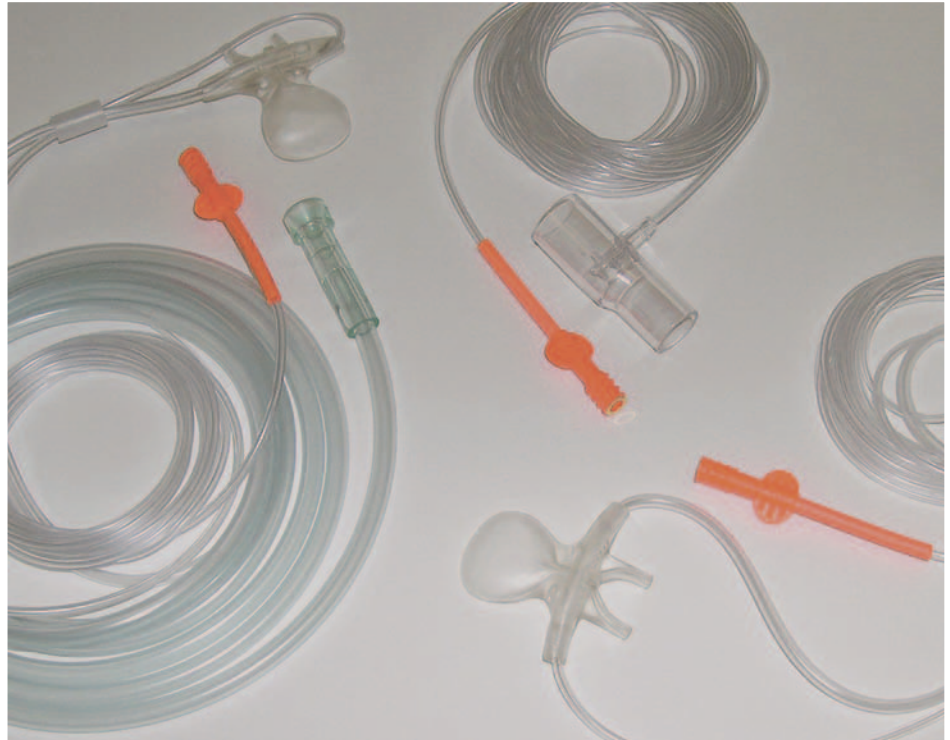
Unprecedented accuracy
for non-intubated
patients

Monitors open-mouthed
patients easily and
accurately

Unique, comfortable
O₂ delivery method
eliminates CO₂
sampling dilution

Superior moisture
handling

For neonate through
adult patients



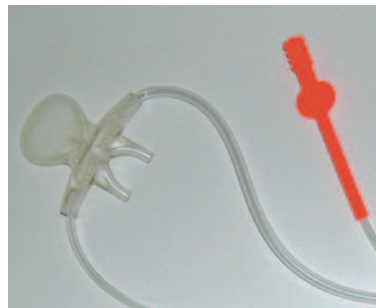
By incorporating Microstream[®] technology, Medtronic offers you the most effective and trouble-free capnography technology on the market. We are pleased to present the FilterLine and Smart CapnoLine family of products—specially designed sampling lines and airway adapters that meet both patient and clinician needs in every environment. With Microstream and FilterLine combined, you can easily monitor EtCO₂ and accurately assess a patient in a state of hypoventilation, ventilatory depression, airway obstruction or airway compromise. EtCO₂ monitoring has also been shown to demonstrate the effectiveness of your resuscitation efforts during CPR. Capnography is the only measurement of your patient's ventilatory status—breath to breath.

Using proprietary Microstream technology and breath sampling products, clinicians can secure accurate EtCO₂ readings with a continuous waveform display and vigilance alarms without

many of the problems that have historically limited capnography's use outside of the operating room. Microstream's laser-based technology is highly specific to CO₂ and highly accurate, eliminating the need to correct for the presence of anesthetic and other gases in the breath sample. The unique Microstream approach consistently monitors for patient extubation. Microstream airway adapters are position-independent, allowing you to place the sensor in the most convenient manner. FilterLine and Smart CapnoLine products are specifically designed to prevent moisture from clogging the sample cell or circuit. Their small 1.0 mm diameter minimizes dead space and collects accurate EtCO₂ samples at flow rates as low as 50 ml/minute. This low flow rate requirement allows you to accurately monitor children using circuits specially designed for pediatric use.

APPLICATIONS:

Oridion's patented Smart CapnoLine EtCO₂ circuits are ideal for non-intubated applications such as monitoring ventilatory status in asthma, bronchospasm, COPD, and procedural sedation—situations where oral ventilation can occur and cause inaccurate readings with nasal-only lines. The "smart" design facilitates a crisp continuous waveform and accurate data for patients alternating between oral and nasal breathing. Choose from two designs depending on your needs: Smart CapnoLine monitors exhaled CO₂ from oral and/or nasal ventilation, while Smart CapnoLine O₂ enables the delivery of supplemental oxygen to the patient while monitoring the exhaled CO₂ from oral and/or nasal ventilation.



APPLICATIONS:

The FilterLine Set circuit is a one-piece design, ideal for quick application in emergency intubations. By combining a FilterLine EtCO₂ circuit with a Microstream Airway Adapter, the FilterLine Set eliminates time-consuming assembly and monitor setup. Based on patient weight, select standard FilterLine Sets for intubated adults and children who are not receiving humidification. Choose adult/child or infant/neonate FilterLine H Sets for patients receiving humidified ventilation.



NON-INTUBATED DUAL PURPOSE (O₂/EtCO₂)

Smart CapnoLine collects EtCO₂ samples from either the nose or the mouth with O₂ delivery.

Typical duration of use: up to 12 hours

Tubing length: 255cm

		Patient Weight	Catalog Number
Smart CapnoLine Plus O ₂ (25 pack) (100 pack)	Adult/Intermediate	>20 kg	11996-000163
	Adult/Intermediate	>20 kg	11996-000167
Smart CapnoLine Plus O ₂ Long (25 pack)	Adult/Intermediate	>20 kg	11996-000165
Smart CapnoLine O ₂ (25 pack)	Pediatric	10-20 kg	11996-000128

NON-INTUBATED SINGLE PURPOSE (EtCO₂)

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

Typical duration of use: up to 12 hours

Tubing length: 255cm

		Patient Weight	Catalog Number
Smart CapnoLine Plus (25 pack) (100 pack)	Adult/Intermediate	>20 kg	11996-000162
	Adult/Intermediate	>20 kg	11996-000166
Smart CapnoLine (25 pack)	Pediatric	10-20 kg	11996-000120

INTUBATED SINGLE PURPOSE (EtCO₂)

FilterLine Set—EtCO₂ sampling line with airway adapter.

Typical duration of use:

FilterLine Set: up to 6 hours non-humidified
FilterLine H Set: up to 72 hours humidified

Tubing length: 210cm

		Patient Weight	Catalog Number
FilterLine Set (25 pack)	Adult/Pediatric	>2kg	11996-000081
FilterLine Set Long (25 pack)	Adult/Pediatric	>2kg	11996-000165
FilterLine H Set (25 pack)	Infant/Neonate	≤2 kg	11996-000001
FilterLine H Set (25 pack)	Adult/Pediatric	>2 kg	11996-000080

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



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