



Comprehensive Compatibility



End-Tidal CO₂ Monitoring



O₂ Delivery



Monitoring patients every breath.





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OXYGEN THERAPY & CAPNOGRAPHY

CAPNOGRAPHY & CO₂ MONITORING

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CAPNOGRAPHY & CO, MONITORING | INTRODUCTION



Capnography is the vital sign of ventilation. By tracking the patient's expired CO_2 clinicians can evaluate the ventilation condition of the patient in critical emergency situations and make the judgment to assess and treat the patient. Monitoring the patient's breathing in emergency situations is of paramount importance. Delivering oxygen ensures the level of oxygen saturation in the blood is maintained, which is sometimes monitored and measured by a pulse oximeter. However, the pulse oximeter does not provide breath-by-breath patient ventilator status.







Accurate CO₂ sampling

Capnography improves patient safety by providing the following vital information:

- Hyperventilation
- Confirming, maintaining and assisting intubation
- Return of spontaneous circulation (ROSC)
- Measuring cardiac output during cardiopulmonary resuscitation (CPR)
- End-tidal CO₂ as a predictor of resuscitation outcome
- Monitoring sedated patients
- Perfusion warning sign
- ETCO₂ in asthma, chronic obstructive pulmonary disease (COPD), and congestive heart failure (CHF)

Advantages

- Excellent sampling accuracy and waveforms as there are two end-tidal CO_2 sampling nares
- Reliable sampling under conditions of clogged sinuses in one nostril, deviated septum and other anatomical abnormalities
- Oxygen delivered to both nostrils at a lower rate, thus minimizing mucosa wall damage
- Secure luer lock connection for both male and female connectors
- Soft tip cannula provides superior patient comfort and nare positioning
- Kink-resistant tube ensures consistent and accurate delivery
- Universal oxygen connector is standard on all items



The Dual Nasal Cannula is designed to provide oxygen to both nostrils and also sample CO₂ at the same time.

Carbon Dioxide

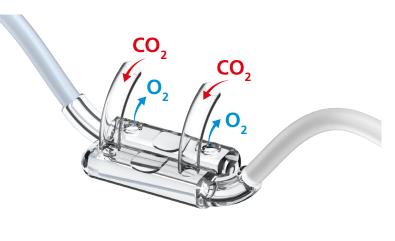
 CO_2 is sampled from both nostrils for side-stream CO_2 monitoring through the nares.

Oxygen

Fresh oxygen is delivered to both nostrils via the ports.

Soft Touch Nasal Cannula

Ears are the most common site for Medical Device Related Hospital Acquired Pressure Ulcers (MDR HAPU), with 35% of affected patients suffering tissue breakdown in this area¹. Our nasal cannula range features Soft Touch tubing, minimizing friction and pressure on delicate tissues.







Female Luer

Microstream[™] Luer

MALE LUER	FEMALE LUER	DESCRIPTION	TUBING	QTY
032-10-123U	032-10-124U	Adult Dual Nasal Cannula (Pigtail Luer)	7ft	25
032-10-125U	032-10-126U	Adult Dual Nasal Cannula	7ft	25
032-10-125AU	032-10-126AU	Adult Dual Nasal Cannula with Filter	7ft	25
032-10-127U	032-10-128U	Adult Dual Nasal Cannula	10ft	25
032-10-195U	032-10-193U	Adult Dual Oral Nasal Cannula	10ft	25
032-10-196U	032-10-194U	Adult Dual Oral Nasal Cannula with Filter	10ft	25





Microstream[™] Compatibility

Male Luer

Dual products with a Microstream[™] type luer connector filter are compatible with capnography monitors and multiparameter monitors equipped with Microstream[™] technology.

MICROSTREAM [™] TYPE LUER	MICROSTREAM™ TYPE LUER + M/M ADAPTER	DESCRIPTION	TUBING	QTY
<u>032-10-180U</u>	032-10-180/1U	Adult Dual Oral Nasal Cannula with Filter	7ft	25
032-10-181U	032-10-181/1U	Adult Dual Oral Nasal Cannula with Filter	14ft	25
<u>032-10-182U</u>	032-10-182/1U	Adult Dual Nasal Cannula with Filter	7ft	25
032-10-183U	032-10-183/1U	Adult Dual Nasal Cannula with Filter	14ft	25
032-12-182U	032-12-182/1U	Pediatric Dual Nasal Cannula with Filter	7ft	25
032-12-183U	032-12-183/1U	Pediatric Dual Nasal Cannula with Filter	14ft	25
032-13-182U		Neonatal Dual Nasal Cannula with Filter	7ft	25
			TUDING	



LUER	DESCRIPTION	TUBING	QTY
032-10-125CU	Adult Dual Nasal Cannula with Male Luer + Universal Adapter	7ft	25
032-12-125BU	Pediatric Dual Cannula with Male Luer + Slip Disc Filter	7ft	25

Universal Adapter



Dual Mask provides continual monitoring of carbon dioxide exhaled from both mouth and nose while delivering supplementary oxygen. Pre-fitted oxygen and sampling lines makes set-up quick and easy.



Female Luer

Easy Fit with Good Seal

The soft, pliable mask molds easily to the patient's face, with a feathered-edge rim providing maximum comfort.

Comfort and Security

Attached to the swivel connector, the oxygen tubing and monitoring line are lightly bonded together, but can be separated to reach the flow meter and capnometer, minimizing clutter around the patient.

Independently Tested

Dual Mask has been proven to be the most efficient in sampling end tidal CO_2 in an independent comparative study² with a simulated patient.

Star Lumen Tubing

Star lumen tubing reduces the risk of occlusion should the tube become kinked.

Excellent Waveforms

Unique design minimizes oxygen dilution, thus providing reliable sampling accuracy.

MALE LUER	FEMALE LUER	DESCRIPTION	TUBING	QTY
032-10-135U	032-10-134U	Adult Dual Mask with Nose Clip	10ft	50
032-12-143U	032-12-142U	Pediatric Dual Mask	10ft	50
032-10-137U	032-10-136U	Adult Dual Mask with Nose Clip and Filter	10ft	50
032-12-145U	032-12-144U	Pediatric Dual Mask and Filter	10ft	50
MICROSTREAL	M™ TYPE LUER	DESCRIPTION	TUBING	QTY
032-	10-190U	Adult Dual Mask with Filter	7ft	50
032-	10-191U	Adult Dual Mask with Filter	14ft	50
032-1	10-192U	Medium Dual Mask with Filter	7ft	50
032-	12-190U	Pediatric Dual Mask with Filter	7ft	50
032-1	12-191U	Pediatric Dual Mask with Filter	14ft	50
	LUER	DESCRIPTION	TUBING	QTY
	032-10-135CU	Adult Dual Mask and Nose Clip with Male Luer + Universal Adapter	10ft	50
	032-12-143CU	Pediatric Dual Mask and Nose Clip with Male Luer + Universal Adapter	10ft	50
	032-10-141BU	Adult Dual Mask with Male Luer + Slip Disc Filter	10ft	50
Universal Adapter	032-12-145BU	Pediatric Dual Mask with Male Luer + Slip Disc Filter	10ft	50

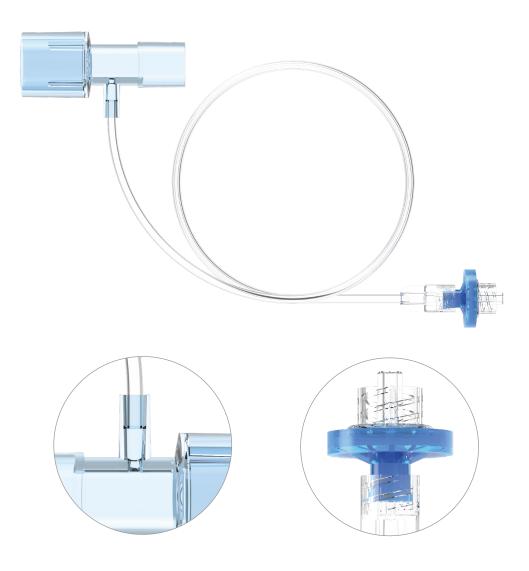
Microstream[™] Luer

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Male Luer



CapnoCare is a CO_2 sampling device for use during critical situations when monitoring of $EtCO_2$ is required. CapnoCare can be used with a resuscitator bag for intubated patients or with anesthesia masks.



Hydrophobic Filter

Improved Accessibility

Protects the monitor from condensation and potential cross-contamination risks.

10ft line enables clinicians to easily connect

the patient to the monitor, even from a distance.

Universal Connections

The 22/15mm connectors can be used with ET tubes or anesthesia masks.

Choice of Luer Available in male, female and slip luer.

Fixed Line

The pre-assembled fixed line saves time and reduces the risk of mis-assembly and delays in critical clinical situations.

PART NUMBER	DESCRIPTION	TUBING	QTY
010-750U	CapnoCare line with Filter and Male Luer Lock	10ft	10
010-755U	CapnoCare line with Filter and Female Luer Lock	10ft	10
010-760U	CapnoCare line with Filter and Slip Luer	10ft	10
<u>010-762U</u>	CapnoCare line with Filter and Microstream [™] type Luer	10ft	10