

User Guide

REFLECTIVE ET_{CO}₂ SAMPLING LINE

Please read and follow the Instructions for Use provided with the products prior to using the Reflective EtCO₂ Sampling Line.

The EtCO₂ Sampling Lines are intended to be used where exhaled gas is monitored.



EtCO₂ Sampling Line



EtCO₂ Sampling Line with Airway Adapter

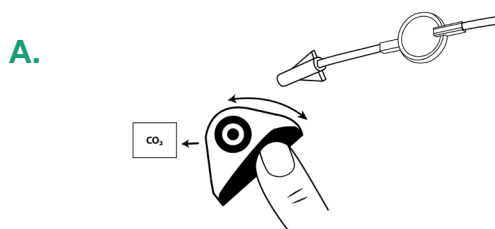
Instructions for Set Up — EtCO₂ Sampling Line

1. Insert the EtCO₂ colored connector to the input port on the capnography monitor (A). Twist the connector clockwise until resistance is met, approximately a ½ turn (B). The monitor's pump will turn on when the connector engages with the monitor. Be careful not to over tighten as it could damage the sample line connector or the input port.
2. Connect the end of the sampling line with the male luer lock to the female luer connector on the sampling elbow, the airway adapter, or the capnography mask. The sampling line may also be used to extend the length of another sampling line.
3. Check all connections for leaks according to standard clinical procedures. Check the monitor to ensure the EtCO₂ value and/or waveform is displayed.

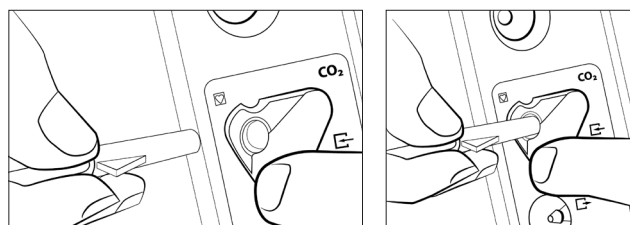
Instructions for Set Up — EtCO₂ Sampling Line with Airway Adapter

The EtCO₂ airway adapter is for use with pediatric (15 mm) circuits and adult (22 mm) circuits. It is not intended for use with infant/neonatal breathing circuits.

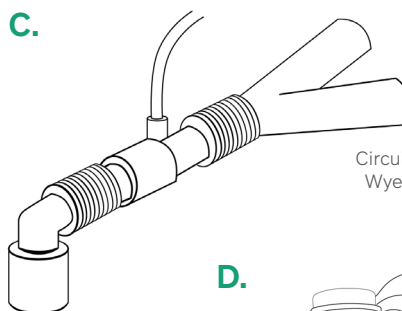
1. Insert the EtCO₂ colored connector to the input port on the capnography monitor (A). Twist the connector clockwise until a resistance is felt, approximately a ½ turn (B). If properly seated, the monitor's pump will turn on.
2. Be careful not to over tighten because it could damage the sample line connector or the input port.
3. Firmly connect the sampling line male Luer lock to female luer port on the airway adapter.
4. 1.) Place the airway adapter between the patient elbow and the breathing circuit wye (C). When used with a closed suction catheter or HME, place the EtCO₂ airway adapter between the circuit wye and the CSC/HME (E).



A.



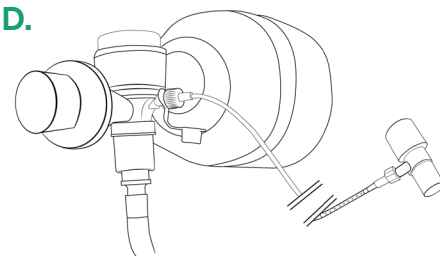
B.



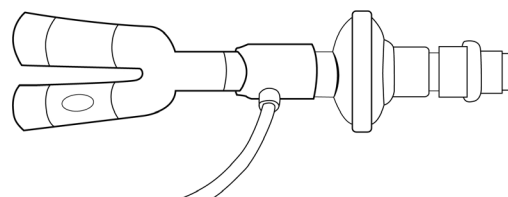
Patient Elbow

Circuit Wye

D.



E.



Please read and follow the Instructions for Use provided with the products prior to using the Reflective EtCO₂ Sampling Line.

- 2.) The airway adaptor may also be placed between the resuscitation bag and artificial airway during CPR and transport (D).
5. Position the airway adapter with the port on top, not on the sides or bottom. This will help to prevent moisture from accumulating in the sampling line.
6. Check all connections for leaks according to standard clinical procedures. Ensure that the waveforms and/or EtCO₂ values appear on the monitor display.

Monitoring — Maintenance

- Replace the sampling line when a blockage or an occlusion alarm signals on the monitor.
- If there is no waveform displayed, check to see if the sample line is disconnected or kinked. If the sample line is not disconnected or kinked replace the line.
- DO NOT blow air through the line to remove moisture. This will damage the filter on the line and allow moisture to pass into the monitor.

- For high humidity environment or long-term monitoring, use the EtCO₂ sampling line with Nafion tube and the yellow-end connector.
- Carefully route the sampling line to reduce the possibility of patient entanglement or strangulation.
- Check sample line regularly during use to ensure that no kinks are present. Kinked tubing may cause inaccurate EtCO₂ readings.
- Excessive patient secretions or moisture accumulation in the circuit may occlude the sampling line, requiring more frequent replacement.
- EtCO₂ values, waveforms and duration of use can be affected by certain ambient environmental conditions and certain patient conditions.
- Check for leaks. Loose connections may compromise ventilation or cause an inaccurate EtCO₂ measurement.

Safe Disposal

Dispose of sampling lines according to standard operating procedures or local regulations for the disposal of contaminated medical waste. For additional information and a complete list of Warnings and Cautions, please refer to the Instructions For Use included in the device packaging.

Item	Tubing Length	Internal Diameter	Sample Rate	End Connector	Monitor Connector	Hydrophobic Filter	Airway Adapter
4MSF5-6	6' (1.8 m)	0.040" (1.02 mm)	0.065 LPM	Male Luer Lock	Female Luer Reflective	0.2 um	15 mm / 22 mm
4MSF5-13	13' (3.9 m)	0.040" (1.02 mm)	0.065 LPM	Male Luer Lock	Female Luer Reflective	0.2 um	15 mm / 22 mm
4MSF8-6	6' (1.8 m)	0.040" (1.02 mm)	0.065 LPM	Male Luer Lock	Female Luer Reflective	0.2 um	N/A
4MSF8-13	13' (3.9 m)	0.040" (1.02 mm)	0.065 LPM	Male Luer Lock	Female Luer Reflective	0.2 um	N/A