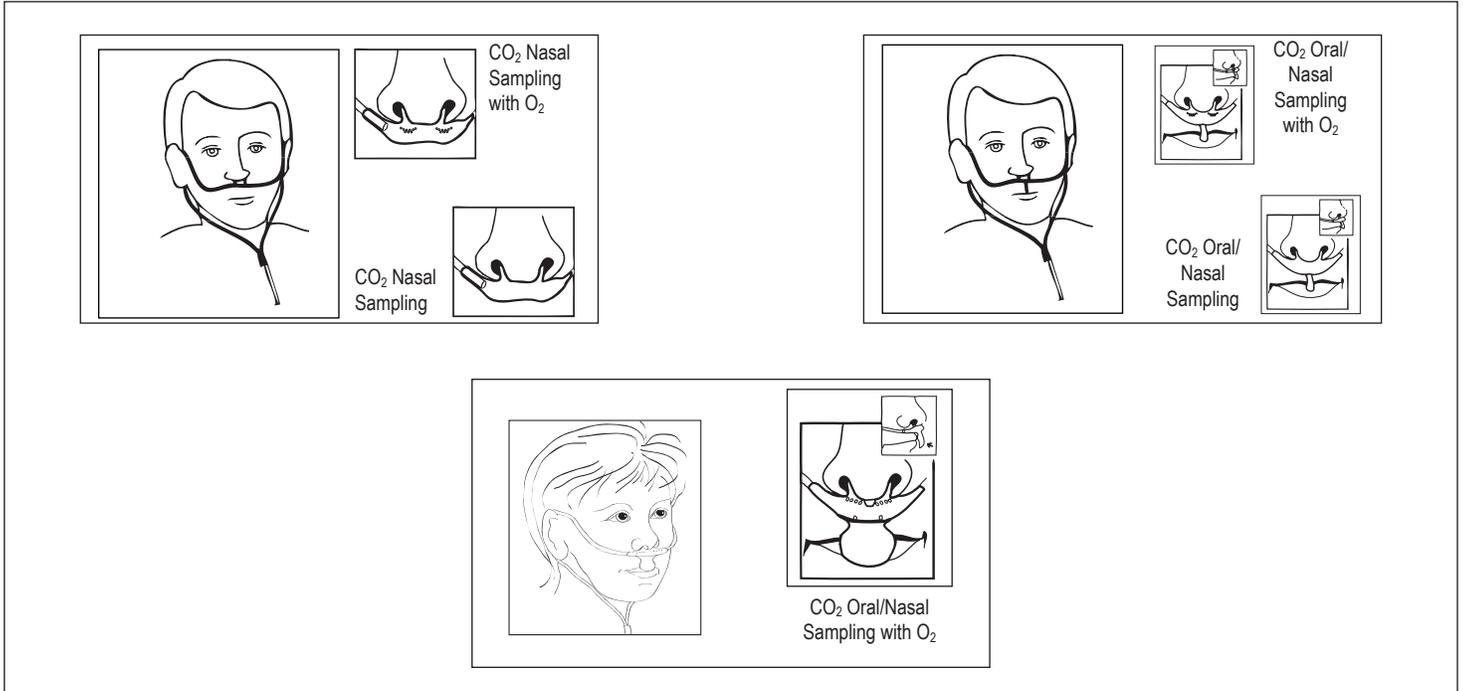


Microstream®

ETCO₂ SAMPLING

Products for Non-Intubated Patients

Directions for Use



For use with all Microstream-enabled monitors
 Single patient use, not to be re-processed
 Non-sterile / non-pyrogenic
 Does not contain natural rubber latex

- Warning:** Loose or damaged connections may compromise ventilation or cause an inaccurate measurement of respiratory gases. Securely connect all components and check connections for leaks according to standard clinical procedures.
- Warning:** Do not cut or remove any part of the sample line. Cutting the sample line could lead to erroneous readings.
- Warning:** Check CO₂ and O₂ tubing regularly during use to ensure that no kinks are present. Kinked tubing may cause inaccurate CO₂ sampling or affect O₂ delivery to patient.
- Caution:** Ensure that tubing is not stretched during use.
- Caution:** Do not attempt to clean, disinfect, sterilize or flush any part of the sampling line as this can cause damage to the monitor.
- Caution:** Dispose of sampling lines according to standard operating procedures or local regulations for the disposal of contaminated medical waste.
- Caution:** Use of a CO₂ sampling line with H in its name (indicating that it is for use in humidified environments) during MRI scanning may cause interference. These sampling lines include CapnoLine H/Long, CapnoLine H O₂, Smart CapnoLine H/Long, Smart CapnoLine H O₂, and Smart CapnoLine H Plus O₂/Long. The use of non H sampling lines is advised.
- Note:** Replace the sampling line according to hospital protocol or when a blockage is indicated by the device. Excessive patient secretions or a build-up of liquids in the airway tubing may occlude the sampling line, requiring more frequent replacement.
- Note:** When connecting a sampling line to the monitor, insert the sampling line connector clockwise into the monitor CO₂ port and turn the connector until it can no longer be turned, to ensure that it is connected securely to the monitor. This will assure that there is no leak of gases during measurement at the connection point and that measurement accuracy is not compromised.
- Note:** Following connection of the CO₂ sampling line, check that CO₂ values appear on the monitor display.
- Note:** Expect delay times for the following products to be longer than the standard by the given times: Long (4m) FilterLines/CapnoLines - 3 seconds; Nasal FilterLine Infant/Neonatal - 1 second.
- Note:** Sampling lines with H in their names include a moisture reduction component (Nafion®* or its equivalent) for use in higher humidity environments where long duration use of CO₂ sampling is required.
- Note:** Sampling lines are recommended for use with oxygen provided at up to 5l/min. At higher levels of oxygen provision, dilution of CO₂ readings may occur, leading to lower CO₂ values.

Federal law (U.S.) restricts this device to sale by or on the order of a physician.

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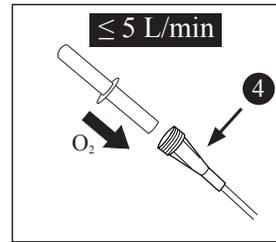
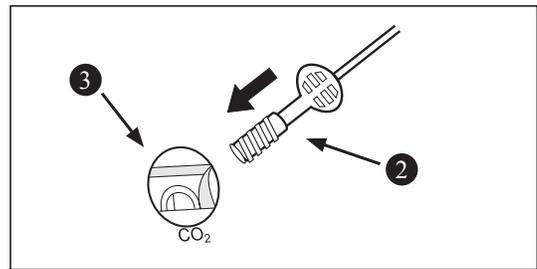
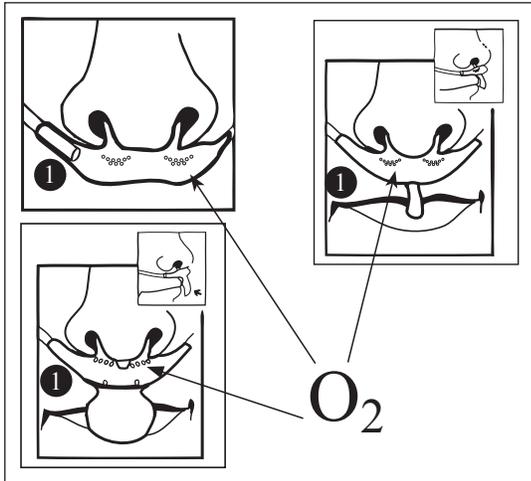


Oridion®

Microstream® EtCO₂ Sampling For Non-Intubated Patients

Instructions for use:

1. Place the patient end of the sampling line **1** on the patient's face as seen below.
2. Twist the sampling line connector **2** into the CO₂ input connector on the monitor **3**.
3. Attach the sampling line's O₂ tubing **4** as required.



 Single use	Do not reuse
	Rx Only
 Caution, consult accompanying documents	Caution, consult accompanying documents
 -4°F -20°C Temperature limitation	Storage temperature
	DEHP
 This product does not contain natural rubber latex	Does not contain natural rubber latex
 MR Unsafe	Not safe for use in MR environments
 Fire hazard	Fire Hazard
 0482	CE Mark