Smart CapnoLine® etCO₂ Sampling Lines

The Anatomy of the Smart FilterLine®

- **0.2 micron filter**
  - Prevents liquids from entering into the monitor
  - Prevents bacterial contamination

- **Dual nare sampling**
  - Ensures proper sampling from either nare

- **Patented Uni-junction™**
  - Allows etCO₂ sampling from either the nares or the mouth.

- **Tubing for O₂ delivery**
  - May be used with or without oxygen delivery
  - O₂ delivery from holes in front of nasal prongs
  - Up to 5 L/m

- **Connector compatibility**
  - Connects to all Microstream® enabled products

- **Oral scoop**
  - Ensures accurate sampling for mouth breathers

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Features of the Smart FilterLine®

**Uni-junction™** - Patented design permits upward or downward pressure of the breath at the junction, allowing only that source of breath (with the greatest pressure) to be sampled

**Filter** - Hydrophobic filter material with a 0.2 micron pore size allows patient breath to pass through the hollow structure while preventing liquids and bacteria from entering the monitor

**Oral scoop** - Unique design optimally samples breath when the patient is mouth breathing. Increased surface area provides greater sampling accuracy in the presence of low tidal volumes.

**O₂ delivery** - Flows from holes in front of nasal prongs for comfort. Improves humidity of O₂; Can deliver oxygen flow up to 5L/min by placing the Smart FilterLine under the mask.¹ With external O₂ delivery, i.e. CPAP, accurate etCO₂ monitoring is available above 5 L/min.

**Microbore tubing** - The small diameter (1.0 mm internal) of the sampling line results in a faster response time.