



Surestream™ CO₂ Sampling Lines

Surestream patient sampling lines combine Covidien and Welch Allyn monitoring technologies and can be used on both intubated and non-intubated patients.

Surestream patient sampling line engineering incorporates technology designed to enhance waveform integrity and accuracy. Surestream patient sampling lines work with Welch Allyn Propaq®* and Atlas™* monitors.



COVIDIEN

positive results for life™

ORAL/NASAL CO₂ SAMPLING WITH O₂ DELIVERY



Smart SureLine™ Plus O₂ patient sampling line – Adult 015096



Smart SureLine™ O₂ patient sampling line – Pediatric 015097

Surestream™ CO₂ sampling for non-intubated patients

Surestream patient sampling lines for non-intubated patients are designed to provide an accurate measure of adequacy of ventilation. This innovative patient interface technology captures CO₂ samples from both oral and nasal breathers throughout the respiratory cycle.

FEATURES AND INTENDED BENEFITS

Oral scoop

- Designed to provide quality CO₂ measurement samples when the patient is mouth breathing. Increased surface area provides sampling accuracy in the presence of low tidal volumes.

Uni-junction™ patented design

- Enables sampling from the nares and the mouth.

Oxygen delivery

- Delivers oxygen to both nares and orally by producing an “oxygen cloud” in front of the nose and mouth through small holes at the base of the nasal prongs and oral scoop.
- O₂ delivery design reduces attenuation of CO₂ sample by oxygen dilution.

Broad selection of patient interfaces

- Range of size options and patient interface options offer CO₂ sampling for all virtually patients, pediatric to adult.

ORAL/NASAL CO₂ SAMPLING WITH O₂ DELIVERY FOR UPPER ENDOSCOPY PROCEDURES



Smart SureLine™ Guardian O₂ patient sampling set includes CO₂ sampling line and Guardian bite block – Adult/Pediatric 015106

SMART SURELINE™ GUARDIAN WITH O₂ DELIVERY FEATURES AND INTENDED BENEFITS

Provides continuous CO₂ monitoring throughout the procedure to ensure adequacy of ventilation

Smart SureLine™ Guardian Bite Block

- Protects endoscopes
- Designed to maintain stability without compromising endoscope maneuverability
- Accepts endoscopes up to 60 French

SHORT-TERM USE



Sure VentLine™ Set patient sampling line – Adult/Pediatric 015102

HIGH HUMIDITY/LONG-TERM USE



Sure VentLine™ H Set patient sampling line – Adult/Pediatric 015103

CO₂ sampling for intubated patients

Sure VentLine™ Sets are designed to effectively monitor intubated patients, even in high humidity environments.

FEATURES AND INTENDED BENEFITS

Two sampling ports within airway adapter

- Reduces clogging from moisture and secretions.

Connector design

- Accommodates connection to 15mm or 22mm endotracheal tube.

Effective sampling dead space: < 6.6 cc

Nafion®*† moisture reduction technology

- With Nafion located near sampling port and a filter at monitor end, the design helps manage moisture and secretions, enabling long term use and use in high humidity environments.

†Or alternate moisture reduction technology.

Description	Part Number
Smart SureLine™ Plus O ₂ patient sampling line (Adult)	015096
Smart SureLine™ O ₂ patient sampling line (Pediatric)	015097
Smart SureLine™ Guardian O ₂ patient sampling set (Long)	015106
SureLine™ O ₂ patient sampling line (Adult)	015100
SureLine™ O ₂ patient sampling line (Pediatric)	015101
Sure VentLine™ Set patient sampling line	015102
Sure VentLine™ H Set patient sampling line	015103

All Surestream patient sampling lines are for single patient use only.

All part numbers are for 25/pack.

Specifications are subject to change without notice.

Surestream patient sampling lines do not contain natural rubber latex.



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6135 GUNBARREL AVENUE
BOULDER, CO 80301
800-635-5267

COVIDIEN.COM/RMS