

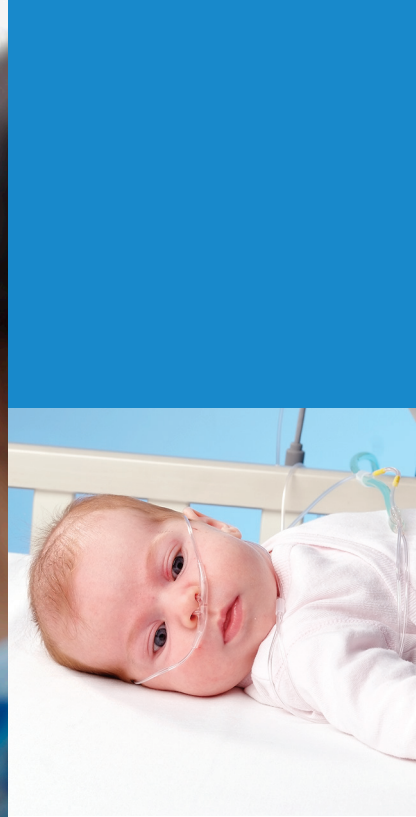
QUICK
REFERENCE
GUIDE

THE RIGHT SAMPLING LINE FOR EACH PATIENT

Microstream™ capnography sampling lines



Medtronic
Further. Together



MICROSTREAM™ CAPNOGRAPHY SAMPLING LINES

SAMPLING LINE PORTFOLIO

- **FilterLine™ sampling lines** for use with Microstream™ capnography monitors and multiparameter monitors equipped with Microstream™ technology
 - Orange connectors designate short-term use
 - Yellow connectors designate long-term use
- **Omnistream™ sampling lines** for use with most types of sidestream monitors with a standard luer input connector
- **Surestream™ sampling lines** for use with Welch Allyn Propaq™* and Atlas™* monitors

CONNECTORS



Orange Connector

Short-term use
FilterLine™ sampling line:
Quick-seal connection with
a single twist, for a tight seal
to the monitor



Yellow Connector

Long-term use
FilterLine™ sampling line:
Quick-seal connection with
a single twist, for a tight seal
to the monitor



Blue Connector

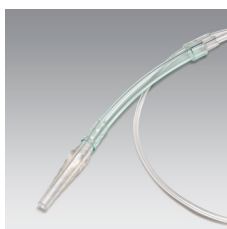
Omnistream™ sampling line



Gray Connector

Surestream™ sampling line

INTEGRATED OXYGEN CONNECTORS



Male O₂ Connector



Female O₂ Connector

TERMINOLOGY

SMART	Collects both oral and nasal breath samples
PLUS	Plus-size oral sampling scoop for adults for more effective sampling during mouth breathing
H	Drier moisture reduction technology to aid in humidity control
O ₂	Integrated O ₂ tubing with female O ₂ connector

CHOOSING THE RIGHT SAMPLING LINE

Is the patient intubated?

YES

SHORT TERM

Key applications:
Intubation, OR, EMS,
ED, rapid response

FilterLine™ Set sampling line

XS04620

Adult/pediatric (6.5 ft/200 cm)

007768

Adult/pediatric (13 ft/400 cm)

LONG TERM

Key applications:
Critical care,
ventilator
management

FilterLine™ H Set sampling line

XS04624

Adult/pediatric (6.5 ft/200 cm)

007737

Adult/pediatric (13 ft/400 cm)

006324

Infant/neonate (6.5 ft/200 cm)

007738

Infant/neonate (13 ft/400 cm)

HIGH HUMIDITY

Key applications:
Critical care, high
ambient humidity,
ventilator
management

VitaLine™ sampling line

010787

Adult/pediatric (6.5 ft/200 cm)

010807

Infant/neonate (6.5 ft/200 cm)

CHOOSING THE RIGHT SAMPLING LINE

Is the patient intubated?

NO

Does the patient need oxygen?

YES

NO

SHORT TERM

Key applications:
Procedural sedation,
OR, EMS, ED, rapid
response

ORAL/NASAL

**Smart CapnoLine™
Plus sampling line
with O₂**

009822

Adult (6.5 ft/200 cm)

009826

Adult (13 ft/400 cm)

**Smart CapnoLine™
sampling line with O₂**

007269

Pediatric (6.5 ft/200 cm)

007743

Pediatric (13 ft/400 cm)

Key application:
When nasal-only
sampling is preferred†

NASAL

**O₂/CO₂ Nasal FilterLine™
sampling line**

006912

Adult (6.5 ft/200 cm)

007739

Adult (13 ft/400 cm)

006913

Pediatric (6.5 ft/200 cm)

LONG TERM

Key applications:
PCA, medical/surgical
floors, critical care

ORAL/NASAL

**Smart CapnoLine™
H Plus sampling
line with O₂**

010433

Adult (6.5 ft/200 cm)

012463

Adult (13 ft/400 cm)

**Smart CapnoLine™
H sampling line
with O₂**

010582

Pediatric (6.5 ft/200 cm)

010464

Pediatric (13 ft/400 cm)

Key application:
When nasal-only
sampling is preferred†

NASAL

**CapnoLine™ H
sampling line**

008180

Adult (6.5 ft/200 cm)

008181

Pediatric (6.5 ft/200 cm)

012111

Infant/neonate (9.8 ft/300 cm)

SHORT TERM

Key applications:
Procedural sedation,
EMS, ED, rapid
response

ORAL/NASAL

**Smart CapnoLine™
sampling line**

009818

Adult (6.5 ft/200 cm)

010340

Adult (13 ft/400 cm)

**Smart CapnoLine™
sampling line**

007266

Pediatric (6.5 ft/200 cm)

Key application:
When nasal-only
sampling is preferred†

NASAL

Nasal NIV Line

008174

Adult (6.5 ft/200 cm)

008175

Pediatric (6.5 ft/200 cm)

XS04476

Infant/neonate (6.5 ft/200 cm)

LONG TERM

Key application:
When nasal-only
sampling is preferred†

NASAL

**CapnoLine™ H
sampling line**

008177

Adult (6.5 ft/200 cm)

008179

Infant/neonate (6.5 ft/200 cm)

012465

Infant/neonate (13 ft/400 cm)

†Nasal sampling may be preferred for use under a mask, when anatomical (facial) issues impede use of an oral scoop, or when a patient is intolerant to an oral scoop.

SAMPLING LINES FOR USE WITH MICROSTREAM™ TECHNOLOGY

Nonintubated patient, short-term use

PRODUCT AND FEATURES

ORDERING INFORMATION



ADULT

Smart CapnoLine™ Plus sampling line

- Samples from both the mouth and the nose
- Integrated O₂ tubing for supplemental oxygen delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
009818	O ₂ male connector	25	Standard: 6.5 ft/200 cm
010209	O ₂ male connector	100	Standard: 6.5 ft/200 cm
010340	O ₂ male connector	25	Long: 13 ft/400 cm
010339	O ₂ male connector	100	Long: 13 ft/400 cm
009822	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm
010210	O ₂ tubing female connector	100	Standard: 6.5 ft/200 cm
009826	O ₂ tubing female connector	25	Long: 13 ft/400 cm
010341	O ₂ tubing female connector	100	Long: 13 ft/400 cm



PEDIATRIC

Smart CapnoLine™ sampling line

- Samples from both the mouth and the nose
- Available with or without O₂ delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
007266	No O ₂ delivery	25	Standard: 6.5 ft/200 cm
007269	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm
007743	O ₂ tubing female connector	25	Long: 13 ft/400 cm



ADULT AND PEDIATRIC

Nasal FilterLine™ sampling line

- Nasal sampling only
- Integrated O₂ tubing for supplemental oxygen delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	PATIENT TYPE	LENGTH
006912	O ₂ tubing female connector	25	Adult	Standard: 6.5 ft/200 cm
010304	O ₂ tubing female connector	100	Adult	Standard: 6.5 ft/200 cm
007739	O ₂ tubing female connector	25	Adult	Long: 13 ft/400 cm
010344	O ₂ tubing female connector	100	Adult	Long: 13 ft/400 cm
006913	O ₂ tubing female connector	25	Pediatric	Standard: 6.5 ft/200 cm



ADULT, PEDIATRIC, AND NEONATAL

Nasal NIV line

Nasal sampling only

PART NUMBER	UNITS PER BOX	PATIENT TYPE	LENGTH
008174	25	Adult	Standard: 6.5 ft/200 cm
XS04476	25	Infant/neonate	Standard: 6.5 ft/200 cm
008175	25	Pediatric	Standard: 6.5 ft/200 cm



60 FR BITE BLOCK

Smart CapnoLine™ sampling line with Guardian bite block

- Samples from both the mouth and the nose
- Integrated O₂ tubing for supplemental oxygen delivery
- O₂ delivery system can administer oxygen flow up to 10 L/min

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
012528	O ₂ male connector	25	Standard: 6.5 ft/200 cm
012529	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm
012530	O ₂ tubing female connector	25	Long: 13 ft/400 cm
012537	O ₂ male connector	100	Standard: 6.5 ft/200 cm
012538	O ₂ tubing female connector	100	Standard: 6.5 ft/200 cm
012539	O ₂ tubing female connector	100	Long: 13 ft/400 cm
012542	Hook and loop strap	25	

SAMPLING LINES FOR USE WITH MICROSTREAM™ TECHNOLOGY

Intubated patient, short-term use

PRODUCT AND FEATURES



ADULT AND PEDIATRIC FilterLine™ sampling line set

Intended for use with ETT size > 4.5mm

ORDERING INFORMATION

PART NUMBER	UNITS PER BOX	LENGTH
XS04620	25	Standard: 6.5 ft/200 cm
010579	100	Standard: 6.5 ft/200 cm
007768	25	Long: 13 ft/400 cm

Nonintubated patient, long-term use

PRODUCT AND FEATURES



ADULT Smart CapnoLine™ H Plus sampling line

- Samples from both the mouth and the nose
- Drier moisture reduction technology
- Integrated O₂ tubing for supplemental oxygen delivery

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
010433	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm
010625	O ₂ tubing female connector	100	Standard: 6.5 ft/200 cm
012463	O ₂ tubing female connector	25	Long: 13 ft/400 cm



PEDIATRIC Smart CapnoLine™ H sampling line

- Samples from both the mouth and the nose
- Drier moisture reduction technology
- Integrated O₂ tubing for supplemental oxygen delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
010582	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm
012464	O ₂ tubing female connector	25	Long: 13 ft/400 cm



ADULT, PEDIATRIC, AND NEONATAL CapnoLine™ H sampling line

- Nasal sampling only
- Drier moisture reduction technology
- Integrated O₂ tubing for supplemental oxygen delivery available

	PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
ADULT	008177	No O ₂ delivery	25	Standard: 6.5 ft/200 cm
	008180	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm
PEDIATRIC	008181	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm
NEONATAL	008179	No O ₂ delivery	25	Standard: 6.5 ft/200 cm
	012111	O ₂ tubing female connector	25	Medium: 9.8 ft/300 cm
	012465	No O ₂ delivery	25	Long: 13 ft/400 cm

SAMPLING LINES FOR USE WITH MICROSTREAM™ TECHNOLOGY

Intubated patient, long-term use

PRODUCT AND FEATURES

ORDERING INFORMATION



ADULT AND PEDIATRIC FilterLine™ H sampling line set

- Intended for use with ETT < 4.5mm
- Drier moisture reduction technology

PART NUMBER	UNITS PER BOX	LENGTH
XS04624	25	Standard: 6.5 ft/200 cm
010580	100	Standard: 6.5 ft/200 cm
007737	25	Long: 13 ft/400 cm



NEONATAL FilterLine™ H sampling line set

- Intended for use with ETT ≤ 4.5mm
- Drier moisture reduction technology

PART NUMBER	UNITS PER BOX	LENGTH
006324	25	Standard: 6.5 ft/200 cm
007738	25	Long: 13 ft/400 cm



ADULT AND PEDIATRIC VitaLine™ H sampling line set

- Intended for use with ETT > 4.5mm
- Double drier moisture reduction technology for high ambient humidity

PART NUMBER	UNITS PER BOX	LENGTH
010787	25	Standard: 6.5 ft/200 cm



NEONATAL VitaLine™ H sampling line set

- Intended for use with ETT ≤ 4.5mm
- Double drier moisture reduction technology for high ambient humidity

PART NUMBER	UNITS PER BOX	LENGTH
010807	25	Standard: 6.5 ft/200 cm

OMNISTREAM™ SAMPLING LINES

Nonintubated patient, short-term use

PRODUCT AND FEATURES

ORDERING INFORMATION



ADULT

Smart OmniLine™ Plus O₂ sampling line

- Samples from both the mouth and the nose
- Integrated O₂ tubing for supplemental oxygen delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
010172	O ₂ tubing male connector	25	Standard: 6.5 ft/200 cm
010177	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm
010212	O ₂ tubing male connector	100	Standard: 6.5 ft/200 cm
010213	O ₂ tubing female connector	100	Standard: 6.5 ft/200 cm



PEDIATRIC

Smart OmniLine™ O₂ sampling line

- Samples from both the mouth and the nose
- Integrated O₂ tubing for supplemental oxygen delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
007606	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm



ADULT AND PEDIATRIC

OmniLine™ O₂ sampling line

- Nasal sampling only
- Integrated O₂ tubing for supplemental oxygen delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	PATIENT TYPE	LENGTH
007609	O ₂ tubing female connector	25	Adult	Standard: 6.5 ft/200 cm
007610	O ₂ tubing female connector	25	Pediatric	Standard: 6.5 ft/200 cm



60 FR BITE BLOCK

Smart OmniLine™ sampling line with Guardian bite block

- Samples from both the mouth and the nose
- Integrated O₂ tubing for supplemental oxygen delivery
- O₂ delivery system can administer oxygen flow up to 10 L/min

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
012531	O ₂ tubing female connector	25	Standard: 6.5 ft/200cm
012532	O ₂ tubing female connector	25	Long: 13 ft/400 cm

Intubated patient, short-term use

PRODUCT AND FEATURES

ORDERING INFORMATION



ADULT

Omni VentLine™ set

Intended for use with ETT > 4.5mm

PART NUMBER	UNITS PER BOX	LENGTH
012495	25	Standard: 6.5 ft/200 cm

Accessories

PRODUCT AND FEATURES

ORDERING INFORMATION



Male/male adapter, airway adapter, CO₂ sampling line

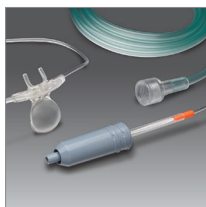
PART NUMBER	CONFIGURATION	UNITS PER BOX
010555	Male/male adapter	25
010989	Airway adapter	25
010991	CO ₂ sampling line	25

SURESTREAM™ SAMPLING LINES FOR USE WITH WELCH ALLYN PROPAQ™* AND ATLAS™ MONITORS

Nonintubated patient, short-term use

PRODUCT AND FEATURES

ORDERING INFORMATION

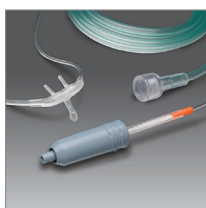


ADULT

Smart SureLine™ Plus O₂ sampling line

- Samples from both the mouth and the nose
- Integrated O₂ tubing for supplemental oxygen delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
015096	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm

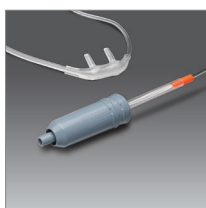


PEDIATRIC

Smart SureLine™ O₂ sampling line

- Samples from both the mouth and the nose
- Integrated O₂ tubing for supplemental oxygen delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
015097	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm

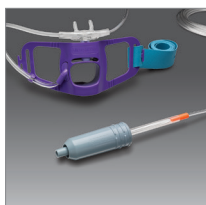


ADULT AND PEDIATRIC

SureLine™ O₂ sampling line

- Nasal sampling only
- Integrated O₂ tubing for supplemental oxygen delivery

PART NUMBER	CONFIGURATION	UNITS PER BOX	PATIENT TYPE	LENGTH
015100	O ₂ tubing female connector	25	Adult	Standard: 6.5 ft/200 cm
015101	O ₂ tubing female connector	25	Pediatric	Standard: 6.5 ft/200 cm



60 FR BITE BLOCK

Smart SureLine™ sampling line with Guardian bite block and O₂

- Samples from both the mouth and the nose
- Integrated O₂ tubing for supplemental oxygen delivery
- O₂ delivery system can administer oxygen flow up to 10 L/min

PART NUMBER	CONFIGURATION	UNITS PER BOX
015106	O ₂ tubing female connector, long	25

SURESTREAM™ SAMPLING LINES FOR USE WITH WELCH ALLYN PROPAQ™* AND ATLAS™* MONITORS

Intubated patient, short-term use

PRODUCT AND FEATURES

ORDERING INFORMATION



ADULT AND PEDIATRIC Sure VentLine™ sampling line set

Intended for use with ETT > 4.5mm

PART NUMBER	UNITS PER BOX	LENGTH
015102	25	Standard: 6.5 ft/200 cm

Intubated patient, long-term use

PRODUCT AND FEATURES

ORDERING INFORMATION



ADULT AND PEDIATRIC Sure VentLine™ H sampling line set

- Intended for use with ETT > 4.5mm
- Drier moisture reduction technology

PART NUMBER	UNITS PER BOX	LENGTH
015103	25	Standard: 6.5 ft/200 cm

Accessories

PRODUCT AND FEATURES

ORDERING INFORMATION



Water trap

For use with Welch Allyn Atlas™* and Propaq™* sidestream monitoring systems

PART NUMBER	UNITS PER BOX
010994	25

NOTES:

All FilterLine™ sampling lines are for single patient use only.
FilterLine™ sampling lines do not contain natural rubber Latex™ material.

Surestream™ sampling lines are compatible with Welch Allyn Propaq™ and Atlas™ monitors. All Surestream™ sampling lines are for single patient use only.
Surestream™ sampling lines do not contain natural rubber Latex™ material.

Sampling lines are packaged in 25 units unless otherwise specified.
Standard length: 200 cm, 6.5 ft. Long-length: 400 cm, 13 ft.

Adult/pediatric products are intended for use with ETT tube size > 4.5 mm.
The adapter dead space is < 6.6 cc and the weight is 7.0 g.

Infant/neonate products are intended for use with ETT tube size ≤ 4.5 mm.
The adapter dead space is < 0.5 cc and the weight is 3.8 g.

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. In these situations, the use of non-H sampling lines is advised.

All specifications are subject to change without notice.

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