

QUICK
REFERENCE
GUIDE

THE RIGHT SENSOR AND SAMPLING LINE FOR EACH PATIENT.

Nellcor™ pulse oximetry sensors

Microstream™ capnography sampling lines



Medtronic
Further. Together

Nellcor™ SpO₂ specialty sensors

PRODUCT AND FEATURES

ORDERING INFORMATION

ADULT AND PEDIATRIC

Forehead SpO₂ sensor



- Our latest technology responds up to 90 seconds faster than a finger sensor — and responds 0.6 seconds faster than an arterial line¹
- For patients with low perfusion
- Suitable for long-term monitoring
- Can be used with mechanically ventilated patients
- Single-patient use
- Sterile sensor

PART NUMBER	WEIGHT RANGE	UNITS PER CASE	ACCURACY 70–100%	ACCURACY 60–80%
MAXFAST	>10 KG	24	±2	±3

ADULT AND NEONATAL

Non-adhesive SpO₂ sensors



- Nellcor™ non-adhesive SpO₂ sensor specifications show the same accuracy in neonates as the Nellcor™ MAXN and MAXI sensors.²
- For patients with fragile skin
- Suitable for long-term monitoring
- Single-patient use
- Sterile sensor

PART NUMBER	WEIGHT RANGE	UNITS PER CASE	ACCURACY 70–100%
SC-A	Adult > 40 KG	24	±2
SC-NEO	Neonatal 1.5-5 kg	24	±2
SC-PR	Preterm Infant <1.5 kg	24	±2

ADULT

Respiration rate sensor



- Measures SpO₂, pulse rate and respiration rate
- For patients with low perfusion
- Suitable for long-term monitoring
- Use with Nellcor™ Respiration Rate enabled monitor
- Single-patient use
- Sterile sensor

PART NUMBER	WEIGHT RANGE	UNITS PER CASE	ACCURACY 70–100%	ACCURACY 60%–80%	ACCURACY 4–40 BREATHS PER MINUTE
10068119	>10 KG	24	±2	±3	±1 breath per minute

ADULT, PEDIATRIC, INFANT, NEONATAL

Adhesive SpO₂ sensors



- Suitable for continuous monitoring
- Single-patient use
- Sterile sensor

PART NUMBER	WEIGHT RANGE	UNITS PER CASE	ACCURACY 70–100%	ACCURACY 60–80%
MAXA/MAXAL	Adult >30 kg	24	±2	±3
MAXN	Neonatal/adult <3 kg or >40 kg	24	±2	±3
MAXI	Infant 3–20 kg	24	±2	±3
MAXP	Pediatric 10–50 kg	24	±2	±3

Nellcor™ SpO₂ two-piece sensors

PRODUCT AND FEATURES

ADULT, PEDIATRIC, INFANT, NEONATAL
SpO₂ sensors



- Reusable cable with single-patient use adhesive sensor
- Suitable for long-term monitoring
- Cost-effective
- Sterile sensor

ORDERING INFORMATION

PART NUMBER	WEIGHT RANGE	UNITS PER CASE	ACCURACY 70–100%
A	Adult >30 kg	24 sensors, 1 cable	±2.5
N	Neonatal/Adult <3 kg or >40 kg	24 sensors, 1 cable	Neonatal ±3.5 Adult ±2.5
I	Infant 3–20 kg	24 sensors, 1 cable	±2.5
P	Pediatric 10–50 kg	24 sensors, 1 cable	±2.5

To order an additional reusable cable, use part number OC-3

Nellcor™ SpO₂ reusable sensors

PRODUCT AND FEATURES

ADULT, PEDIATRIC
Reusable SpO₂ clip sensors



- Adult reusable finger and ear clip sensor
- Pediatric reusable two-piece clip sensor
- Suitable for short-term monitoring and spot-checks
- Rubber boot sensor
- Limited continuous monitoring for virtually all areas of care for up to six hours
- Large and small sizes

ORDERING INFORMATION

PART NUMBER	WEIGHT RANGE	UNITS PER BOX	ACCURACY 70–100%
DS100A-1	Adult >40 kg	1	±3
D-YSPD, D-YS	Pediatric 10–50 kg	1	±3.5
D-YSE, D-YS	>30 kg	1	±3.5

To order replacement sleeves for the pediatric clip, use part number PDSLVL

FLEXMAX	Large >20 kg	1	±2.5
FLEXMAX-P	Small >20kg	1	±2.5

ADULT, PEDIATRIC, INFANT, NEONATAL
Two-piece reusable SpO₂ sensors



- Reusable sensor cable with single-patient use adhesive wraps
- Suitable for long-term monitoring

PART NUMBER	WEIGHT RANGE	UNITS PER BOX	ACCURACY 70–100%
OXI-A/N	<3 kg or >40 kg	24 sensors, 1 cable	Neonatal ±4
OXI-P/I	Pediatric/Infant 3–40 kg	24 sensors, 1 cable	±3

Nellcor™ SpO₂ reusable sensors

PRODUCT AND FEATURES

ADULT, PEDIATRIC, INFANT, NEONATAL
Reusable SpO₂ sensor cable



- Reusable multisite sensor cable
- Use with the following wraps and clips: D-YSE, D-YSPD, POSEY, ADH-A/N, ADH-P/I, FOAM-A/N, FOAM-P/I

ORDERING INFORMATION

PART NUMBER	WEIGHT RANGE	UNITS PER BOX	ACCURACY 70–100%
D-YS	>1 kg	1	Infant – Adult ±3 Neonatal ±4

Nellcor™ SpO₂ accessories

PRODUCT AND FEATURES

ADULT, PEDIATRIC, INFANT, NEONATAL
Sensor wrap replacements



- Single-patient use

ORDERING INFORMATION

PART NUMBER	USE WITH	UNITS PER BOX	WRAP TYPE
POSEY	OXI-P/I, OXI-A/N, D-YS	12	Non-adhesive
ADH-A/N	OXI-A/N, D-YS	100	Adhesive
ADH-P/I	OXI-P/I, D-YS	100	Adhesive
FOAM A/N	OXI-A/N, D-YS	100	Adhesive
FOAM P/I	OXI-P/I, D-YS	100	Adhesive

ADULT, PEDIATRIC, INFANT, NEONATAL
Patient interface cable



- For Nellcor™ pulse oximeters with Oximax™ technology
- Interface cable between the monitor and sensor

PART NUMBER	LENGTH	UNITS PER BOX
DOC-10	10'	1

Sampling lines for use with Microstream™ technology

Non-intubated patient, short-term use

PRODUCT AND FEATURES

ADULT

Smart CapnoLine™ Plus sampling line



- Short-term use
- Samples from both the mouth and the nose
- Long-length O₂ tubing, 13 ft/400 cm available
- Integrated O₂ tubing for supplemental oxygen delivery

ORDERING INFORMATION

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



- Short-term use
- Samples from both the mouth and the nose
- Available with or without O₂ tubing
- Long-length O₂ tubing, 13 ft/400 cm available

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



- Short-term use
- Nasal sampling only: nasal sampling may be preferred for use under a mask, when anatomical (facial) issues impede use of oral scoop, or when a patient is intolerant of oral scoop
- Integrated O₂ tubing for supplemental oxygen delivery
- Long-length O₂ tubing, 13 ft/400 cm available

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
007740	O ₂ tubing female connector	25	Pediatric	Long: 13 ft/400 cm

ADULT, PEDIATRIC, AND NEONATAL

Nasal NIV line



- Short-term use
- Nasal sampling only: nasal sampling may be preferred for use under a mask, when anatomical (facial) issues impede use of oral scoop, or when a patient is intolerant of oral scoop

PART NUMBER	CONFIGURATION	UNITS PER BOX	PATIENT TYPE	LENGTH
008174	No O ₂ delivery	25	Adult	Standard: 6.5 ft/200 cm
XS04476	No O ₂ delivery	25	Infant/neonate	Standard: 6.5 ft/200 cm
008175	No O ₂ delivery	25	Pediatric	Standard: 6.5 ft/200 cm

Sampling lines for use with Microstream™ technology

Non-intubated patient, short-term use (continued)

PRODUCT AND FEATURES

FOR PATIENTS WHO CAN WEAR 60 FR BITE BLOCK
Smart CapnoLine™ sampling line with Guardian bite block



- Short-term use
- Designed to maintain stability without compromising endoscope maneuverability
- Integrated O₂ tubing for supplemental oxygen delivery
- Long-length O₂ tubing, 13 ft/400 cm available

ORDERING INFORMATION

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	

Intubated patient

PRODUCT AND FEATURES

ADULT AND PEDIATRIC
FilterLine™ sampling line set



- Short-term use
- 50 mL/minute sample rate
- Long-length O₂ tubing, 13 ft/400 cm available

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
XS04620	No O ₂ delivery	25	Standard: 6.5 ft/200 cm
010579	No O ₂ delivery	100	Standard: 6.5 ft/200 cm
007768	No O ₂ delivery	25	Long: 13 ft/400 cm

Sampling lines for use with Microstream™ technology

Non-intubated patient, long-term use

PRODUCT AND FEATURES

ADULT

Smart CapnoLine™ H Plus sampling line



- Long-term use
- Samples from both the mouth and the nose
- High humidity environments
- Integrated O₂ tubing for supplemental oxygen delivery
- Nafion™* or alternate moisture reduction technology
- Long-length O₂ tubing, 13 ft/400 cm available

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



- Long-term use
- Samples from both the mouth and the nose
- High humidity environments
- Integrated O₂ tubing for supplemental oxygen delivery
- Nafion™* or alternate moisture reduction technology
- Long-length O₂ tubing, 13 ft/400 cm available

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



- Long-term use
- Nasal sampling only: nasal sampling may be preferred for use under a mask, when anatomical (facial) issues impede use of oral scoop, or when a patient is intolerant of oral scoop
- Integrated O₂ tubing for supplemental oxygen delivery available
- High humidity environments
- Standard length, 6.5 ft/200 cm and long-length O₂ tubing, 13 ft/400 cm available

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
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
008181	O ₂ tubing female connector	25	Standard: 6.5 ft/200 cm
008178	No O ₂ delivery	25	Standard: 6.5 ft/200 cm
008179	No O ₂ delivery	25	Standard: 6.5 ft/200 cm
012111	O ₂ tubing female connector	25	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

ADULT AND PEDIATRIC

FilterLine™ H sampling line set



- Long-term use
- High humidity environments
- Nafion™* or alternate moisture reduction technology

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
XS04624	No O ₂ delivery	25	Standard: 6.5 ft/200 cm
010580	No O ₂ delivery	100	Standard: 6.5 ft/200 cm
007737	No O ₂ delivery	25	Long: 13 ft/400 cm

PEDIATRIC AND NEONATAL

FilterLine™ H sampling line set



- Long-term use
- High humidity environments
- Nafion™* or alternate moisture reduction technology

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
006324	No O ₂ delivery	25	Standard: 6.5 ft/200 cm
007738	No O ₂ delivery	25	Long: 13 ft/400 cm

ADULT AND PEDIATRIC

VitaLine™ H sampling line set



- Long-term use
- High humidity environments
- Nafion™* or alternate moisture reduction technology

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
010787	No O ₂ delivery	25	Standard: 6.5 ft/200 cm

PEDIATRIC AND NEONATAL

VitaLine™ H sampling line set



- High humidity environments
- Nafion™* or alternate moisture reduction technology

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
010807	No O ₂ delivery	25	Standard: 6.5 ft/200 cm

Omnistream™ sampling lines

Non-intubated patient, short-term use

PRODUCT AND FEATURES

ADULT

Smart OmniLine™ Plus O₂ sampling line



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

ORDERING INFORMATION

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



- Short-term use
- 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



- Short-term use
- Nasal sampling only: nasal sampling may be preferred for use under a mask, when anatomical (facial) issues impede use of oral scoop, or when a patient is intolerant of oral scoop
- 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

FOR PATIENTS WHO CAN WEAR 60 FR BITE BLOCK

Smart OmniLine™ sampling line with Guardian bite block



- Short-term use
- Integrated O₂ delivery
- Designed to maintain stability without compromising endoscope maneuverability
- Long-length O₂ tubing, 13 ft/400 cm available

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

Omnistream™ sampling lines

Non-intubated patient, short-term use

PRODUCT AND FEATURES

ADULT

Omni VentLine™ set



- Long-term use
- High humidity environments
- For intubated patients
- No O₂ delivery

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
012495	No O ₂ delivery	25	Standard: 6.5 ft/200 cm

Accessories

PRODUCT AND FEATURES

Airway adapter, CO₂ sampling line, water trap



ORDERING INFORMATION

PART NUMBER	CONFIGURATION	UNITS PER BOX
010989	Airway adapter	25
010994	Water trap	25
010555	Male/Male Adapter	25

Surestream™ sampling lines for use with Wellch Allyn Propaq™* and Atlas™* monitors

Non-intubated patient, short-term use

PRODUCT AND FEATURES

ADULT

Smart SureLine™ Plus O₂ sampling line



- Short-term use
- Samples from both the nose and the mouth
- Integrated O₂ delivery

ORDERING INFORMATION

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



- Short-term use
- Samples from both the nose and the mouth
- Integrated O₂ 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



- Short-term use
- Nasal sampling only: nasal sampling may be preferred for use under a mask, when anatomical (facial) issues impede use of oral scoop, or when a patient is intolerant of oral scoop

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

FOR PATIENTS WHO CAN WEAR 60 FR BITE BLOCK

Smart Sureline™ sampling line with Guardian bite block and O₂



- Short-term use
- Designed to maintain stability without compromising endoscope maneuverability
- Long-length O₂ tubing, 13 ft/400 cm

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

ADULT AND PEDIATRIC

Sure VentLine™ sampling line set



- Short-term use
- For intubated patients
- No O₂ delivery

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
015102	No O ₂ delivery	25	Standard: 6.5 ft/200 cm

Intubated patient, long-term use

PRODUCT AND FEATURES

ADULT AND PEDIATRIC

Sure VentLine™ H sampling line set



- Long-term use
- Minimizes incidence of line or filter occluding
- High humidity environments

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	UNITS PER BOX	LENGTH
015103	No O ₂ delivery	25	Standard: 6.5 ft/200 cm

Accessories

PRODUCT AND FEATURES

Water trap



- For use with Welch Allyn Atlas™* and Propaq™* side stream monitoring systems

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	UNITS PER BOX
010994	Water trap	25

Surestream™ sampling lines are compatible with Welch Allyn Propaq™* and Atlas™* monitors. All Surestream™ sampling lines are for single patient use only. Specifications are subject to change without notice. Surestream™ sampling lines do not contain natural rubber Latex™* material.

All FilterLine™ Sampling Lines are for single patient use only.

FilterLine™ Sampling Lines do not contain natural rubber Latex™* material.

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. The use of non-H sampling lines is advised.

Specifications are subject to change without notice.

1. MaxFast video – internal protocol on file.
2. Nellcor™ Oxygen Saturation Accuracy Specification Grid. Part No. 10091796 Rev B 01/2013.

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