

Respiratory Function Solutions Sensor and Sampling Line Guide

Nellcor™ with OxiMax™ Technology Product Guide A Full Line of Oximetry Sensors

Covidien patient monitoring solutions provide the only integrated, complete picture of a patient's oxygenation and ventilation status.¹

SINGLE-PATIENT USE SPECIALTY SENSORS

Forehead SpO₂ Sensor

For patients with low perfusion; suitable for long-term monitoring

STERILE

CATALOG NO.

CASE/24

Forehead Sensor and Headband



Adult/Pediatric >10 kg

MAXFAST

SENSORS WITH LOW SATURATION EXPANDED ACCURACY RANGE.

SINGLE-PATIENT USE SPECIALTY SENSORS

Adult/Neonatal SpO₂ Sensor, Nonadhesive

For patients with fragile skin; suitable for long-term monitoring

STERILE

CATALOG NO.

CASE/24

Adult



Adult >40 kg

SC-A

Neonatal



Neonatal 1.5-5 kg

SC-NEO

Preemie



Preterm Infant <1.5 kg

SC-PR

Nellcor™ with OxiMax™ Technology Product Guide

A Full Line of Oximetry Sensors

SINGLE-PATIENT USE SENSORS

Adhesive SpO₂ Sensors

Comfortable, form-fitting sensors; suitable for long-term monitoring

STERILE

Adult	Neonatal/Adult	Infant	Pediatric	Adult
				
Adult >30 kg	Neonatal/Adult <3 kg or >40 kg	Infant 3-20 kg	Pediatric 10-50 kg	Adult Nasal >50 kg
CATALOG NO. MAXA/MAXAL*	MAXN	MAXI	MAXP	MAXR

CASE/24 *36" CABLE

SENSORS WITH LOW SATURATION EXPANDED ACCURACY RANGE.

SINGLE-PATIENT USE TWO-PIECE SENSORS

SpO₂ Sensors

Single-patient-use adhesive bandage, reusable cable

STERILE

Adult	Neonatal/Adult	Infant	Pediatric	Sensor Cable
				
Adult >30 kg	Neonatal/Adult <3 kg or >40 kg	Infant 3-20 kg	Pediatric 10-50 kg	Sensor Cable 3'
CATALOG NO. A	N	I	P	OC-3

CASE/24 SENSORS, 1/PKG CABLE

REUSABLE SENSORS

Reusable SpO₂ Sensors

Adult clip sensor, adhesive bandage, reusable cable

Adult	Neonatal/Adult with Wraps	Pediatric/Infant with Wraps
	 	 
Adult >40 kg	Adult/Neonatal <3 kg or >40 kg	Pediatric/Infant 3-40 kg
CATALOG NO. DS100A-1	OXI-A/N	OXI-P/I
BOX/1 SENSOR	CASE/24 ADHESIVE WRAPS, 1/PKG SENSOR CABLE	CASE/24 ADHESIVE WRAPS, 1/PKG SENSOR CABLE

Nellcor™ with OxiMax™ Technology Product Guide

A Full Line of Oximetry Sensors

REUSABLE SENSORS

Reusable Multisite SpO₂ Sensors

Use with wraps or clip accessories

Multisite



Multisite >1 kg

Ear Clip



Use with SpO₂ sensor >30 kg

Pediatric Clip



Use with SpO₂ sensor 3-40 kg

Replacement Sleeves



CATALOG NO.

D-YS

D-YSE

D-YSPD

PDSLV

1/PKG SENSORS/CLIPS, 1 PAIR/SLEEVES

SINGLE-PATIENT USE SENSOR WRAPS

Sensor Wraps

Single-patient use sensor wraps for use with reusable SpO₂ sensors and multisite, reusable SpO₂ sensors

STERILE

Wrap



For OXI-P/I, OXI-A/N, D-YS

Adhesive Wrap



For OXI-A/N, D-YS

Adhesive Wrap



For OXI-P/I, D-YS

Foam Wrap



For OXI-A/N, D-YS

Foam Wrap



For OXI-P/I, D-YS

CATALOG NO.

Posey

ADH-A/N

ADH-P/I

FOAM A/N

FOAM P/I

CASE/12 POSEY, 100/PKG OTHERS

SENSOR EXTENSION CABLES

Sensor Extension Cables

For compatibility with specific sensor/monitor models, contact your local Covidien representative or call 800-NELLCOR.

For Nellcor™ pulse oximeters with and without OxiMax™ technology



4' or 8' Sensor Extension Cable

For pulse oximeters without OxiMax technology



10' Patient Interface Cable

For Nellcor pulse oximeters with OxiMax technology only



10' Patient Interface Cable

CATALOG NO.

DEC-4/DEC-8

MC-10

DOC-10

1/PKG

Sampling Line Selection Guide for Microstream®-enabled capnography monitors

NON-INTUBATED PATIENTS, LONG TERM USE

Adult Smart CapnoLine® H Plus



Key Applications

Pain Management, Surgical GCF, Critical Care

Oral-Nasal

Pediatric Smart CapnoLine H



Key Applications

Pain Management, Surgical GCF, Critical Care

Oral-Nasal

CapnoLine H



Key Applications

When nasal sampling is preferred[†]

Nasal

Smart = Collects both oral and nasal breath samples

Plus = Plus-size oral sampling prong for adults for more effective sampling during shallow breathing

H = Contains Nafion®* or alternate moisture reduction technology to aid in humidity control

O₂ = Integrated O₂ tubing for supplemental oxygen delivery

[†]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.

NON-INTUBATED PATIENTS, SHORT TERM USE

Adult Smart CapnoLine® Plus



Key Applications

Procedural Sedation, Pain Management, OR, EMS, ED, Rapid Response

Oral-Nasal

Pediatric Smart CapnoLine®



Key Applications

Procedural Sedation, EMS, ED, Rapid Response

Oral-Nasal

Smart CapnoLine® Guardian O₂



Key Applications

Procedural Sedation, including Upper Endoscopy, Bronchoscopy

Oral-Nasal

O₂/CO₂ Nasal FilterLine®



Key Applications

When nasal sampling is preferred[†]

Nasal

Nasal/NIV Line™



Key Applications

EMS, ED

Nasal

INTUBATED PATIENTS, LONG TERM USE

Adult/Pediatric FilterLine® H Set



Key Applications

Critical Care, humidified environments

Adult/Pediatric VitaLine™ H Set



Key Applications

Critical Care, high ambient humidity

FilterLine® H Set for Infant/Neonates



Key Applications

Critical Care, humidified environments

VitaLine™ H Set for Infant/Neonates



Key Applications

Critical care, humidity-controlled incubators

FilterLine® Set for Infant/Neonates



Key Applications

OR, EMS, ED, Rapid Response, Transport Team

Sampling Line Selection Guide for Microstream®-enabled capnography monitors

Non-intubated patient interfaces

Oral-Nasal patient sampling lines

Smart CapnoLine® Plus

		Product features and configurations									
		Short term duration	Long term duration	Adult/Intermediate size	Pediatric size	Infant/Neonate size	O ₂ connector	O ₂ tubing (6.5 ft.)	25 unit packaging	100 unit bulk packaging	Long length (13 ft.)
		duration		size			config		packaging		
Adult/Intermediate	009818	•	•	•				•			
Adult/Intermediate 100 count	010209	•	•	•				•		•	
Adult/Intermediate Long	010340	•	•	•				•	•		•
Adult/Intermediate Long 100 count	010339	•	•	•				•		•	•
Adult/Intermediate O ₂	009822	•	•	•				•	•		
Adult/Intermediate O ₂ 100 count	010210	•	•	•				•		•	
Adult/Intermediate O ₂ Long	009826	•	•	•				•	•		•
Adult/Intermediate O ₂ Long 100 count	010341	•	•	•				•		•	•

Smart CapnoLine

Pediatric	007266	•	•		•				•		
Pediatric O ₂	007269	•	•		•			•	•		
Pediatric O ₂ Long	007743	•	•		•			•	•		•

Smart CapnoLine H Plus

Adult/Intermediate O ₂	010433	•	•	•				•	•		
Adult/Intermediate O ₂ 100 count	010625	•	•	•				•		•	
Adult/Intermediate O ₂ Long	012463	•	•	•				•	•		•

Smart CapnoLine H

Pediatric O ₂	010582	•	•		•			•	•		
Pediatric O ₂ Long	012464	•	•		•			•	•		•

Smart CapnoLine® Guardian System

For endoscopic equipment up to 60F

Smart CapnoLine Guardian	012528	•	•	•				•		•	
Smart CapnoLine Guardian 100 count	012537	•	•	•				•		•	
Smart CapnoLine Guardian O ₂	012529	•	•	•				•	•		
Smart CapnoLine Guardian O ₂ 100 count	012538	•	•	•				•		•	
Smart CapnoLine Guardian O ₂ Long	012530	•	•	•				•	•		•
Smart CapnoLine Guardian O ₂ Long 100 count	012539	•	•	•				•		•	•

All FilterLine® breath sampling products are for single patient use only.

All FilterLine breath sampling products do not contain natural rubber latex.

Packaged in 25 units unless otherwise specified.

Standard FilterLine Length: 200 cm, 6.5 ft. Long FilterLine 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.

Non-intubated patient interfaces

Nasal patient sampling lines

O₂/CO₂ Nasal FilterLine®

Adult O ₂	006912	•	•					•	•		
Adult O ₂ 100 count	010304	•	•					•		•	
Adult O ₂ Long	007739	•	•					•	•		•
Adult O ₂ Long 100 count	010344	•	•					•		•	•
Pediatric O ₂	006913	•	•		•			•	•		

Nasal NIV Line™

Infant/Neonates	XS04476	•	•			•				•	
Adult	008174	•	•		•					•	
Pediatric	008175	•	•		•					•	

CapnoLine® H

Adult	008177	•	•							•	
Infant/Neonates	008179	•	•			•				•	
Infant/Neonates Long	012465	•	•			•				•	•
Adult O ₂	008180	•	•					•	•		
Pediatric O ₂	008181	•	•		•			•	•		
Infant/Neonates O ₂	012111	•	•			•		•	•		

Intubated patient interfaces

Intubated patient sampling lines

FilterLine® Set

Adult/Pediatric	XS04620	•	•	•						•	
Adult/Pediatric 100 count	010579	•	•	•						•	
Adult/Pediatric Long	007768	•	•	•						•	•

FilterLine® H Set

Adult/Pediatric	XS04624	•	•	•						•	
Adult/Pediatric 100 count	010580	•	•	•						•	
Adult/Pediatric Long	007737	•	•	•						•	•
Infant/Neonates	006324	•	•			•				•	
Infant/Neonates Long	007738	•	•			•				•	•

Vitaline™ H Set

Adult/Pediatric	010787	•	•	•						•	
Infant/Neonates	010807	•	•			•				•	

Omnistream™ etCO₂ Sampling Lines**

NON-INTUBATED PATIENTS, SHORT TERM USE				INTUBATED PATIENTS, SHORT TERM USE
Smart OmniLine™ Plus  Key Applications Procedural Sedation, OR, EMS, ED, Rapid Response Oral-Nasal	Smart OmniLine™  Key Applications Procedural Sedation, OR, EMS, ED, Rapid Response Oral-Nasal	OmniLine™ O₂  Key Applications When nasal sampling is preferred† Nasal	Smart OmniLine™ Guardian O₂  Key Applications Procedural Sedation, including Upper Endoscopy, Bronchoscopy Oral-Nasal	Omni VentLine™ Set  Key Applications OR, EMS, ED, Rapid Response, Transport

Non-intubated and intubated patient interfaces etCO₂ sampling lines

		Product features and configurations									
		Short term duration	Long term duration	Adult/intermediate size	Pediatric size	Infant/Neonate size	O ₂ connector	O ₂ tubing (6.5 ft.)	25 unit packaging	100 unit bulk packaging	Long length (13 ft.)
		duration		size			config		packaging		type
Non-intubated											
Smart OmniLine Plus	010172	•	•	•			•	•	•	•	•
Smart OmniLine Plus	010212	•	•	•			•		•		•
Smart OmniLine Plus O ₂	010177	•	•	•				•	•		•
Smart OmniLine Plus O ₂	010213	•	•	•				•	•	•	•
Smart OmniLine O ₂	007606	•	•		•			•	•		•
OmniLine O ₂	007609	•	•	•				•	•		•
OmniLine O ₂	007610	•	•		•			•	•		•
Smart OmniLine Guardian O ₂	012531	•	•	•				•	•		•
Smart OmniLine Guardian O ₂ Long	012532	•	•	•				•	•	•	•
Intubated											
Omni VentLine Set	012495	•	•	•					•		
Accessories											
Airway Adapter (adult/pediatric)	010989	•	•						•		
etCO ₂ sampling line	010991	•	•						•		
Watertrap**	010994	•	•						•		

†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.

**Omnistream sampling lines can be used with most sidestream capnography monitors including GE, Datex-Ohmeda and Welch Allyn. A watertrap is required for using Omnistream Sampling lines with these monitors (010994/Box 25).

Surestream™ etCO₂ Sampling Lines

NON-INTUBATED PATIENTS

Smart SureLine™ Plus O₂



Key Applications

Procedural Sedation, OR, EMS, ED, Rapid Response

Oral-Nasal

Smart SureLine™ O₂ Pediatric



Key Applications

Procedural Sedation, OR, EMS, ED, Rapid Response

Oral-Nasal

SureLine™



Key Applications

When nasal sampling is preferred[†]

Nasal

INTUBATED PATIENTS SHORT-TERM USE

Sure VentLine™ Set



Key Applications

etCO₂ sampling

INTUBATED PATIENTS HIGH HUMIDITY/ LONG-TERM USE

Sure VentLine™ H Set



Key Applications

etCO₂ sampling

Smart = Collects both oral and nasal breath samples

Plus = Plus-size oral sampling prong for adults for more effective sampling during shallow breathing

H = Contains Nafion® or alternate moisture reduction technology to aid in humidity control

O₂ = Integrated O₂ tubing for supplemental oxygen delivery

[†]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.

Non-intubated and intubated patient interfaces etCO₂ sampling lines

Non-intubated

Smart SureLine™ Plus O ₂ (Adult)	015096
Smart SureLine O ₂ (Pediatric)	015097
SureLine O ₂ (Adult)	015100
SureLine O ₂ (Pediatric)	015101

Intubated

Sure VentLine™ Set	015102
Sure VentLine H Set	015103

Product features and configurations									
Short term duration	Long term duration	Adult/Intermediate size	Pediatric size	Infant/Neonate size	O ₂ connector	O ₂ tubing (6.5 ft.)	25 unit packaging	Long length (13 ft.)	Oral/Nasal
duration		size			config		pkg		type
•	•	•					•		•
•	•		•				•		•
•	•	•					•		•
•	•		•				•		•
•	•	•	•				•		•
•	•	•	•				•		•

Surestream patient sampling lines are compatible with Welch Allyn Propaq®* and Atlas™* monitors.

All Surestream patient sampling lines are for single patient use only. Specifications are subject to change without notice. Surestream patient sampling lines do not contain natural rubber latex.

1. Maddox RR, Oglesby H, Williams CK, Fields M, Danello S., Continuous respiratory monitoring and a "smart" infusion system improve safety of patient-controlled analgesia in the postoperative period. http://www.ahrq.gov/downloads/pub/advances2/vol4/Advances-Maddox_111.pdf

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