COVIDIEN

positive results for life™

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

SPECIALTY SENSORS

Forehead SpO$_2$ Sensor

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

STERILE

Forehead Sensor and Headband

Adult/Pediatric >10 kg

CATALOG NO.	MAXFAST
CASE/24	

▶ Sensors with low saturation expanded accuracy range.

SPECIALTY SENSORS

Adult/Neonatal SpO$_2$ Sensor, Nonadhesive

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

STERILE

	Adult	Neonatal	Preemie
	Adult >40 kg	Neonatal 1.5-5 kg	Preterm Infant <1.5 kg
CATALOG NO.	SC-A	SC-NEO	SC-PR
CASE/24			

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.

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

Single-patient-use adhesive bandage, reusable cable

	Adult	Neonatal/Adult with Wraps	Pediatric/Infant with Wraps
	Adult >30 kg	Adult/Neonatal <3 kg or >40 kg	Pediatric/Infant 3-40 kg
CATALOG NO.	DS100A-1	OXI-A/N	OXI-P/I
CASE/24 SENSORS, 1/PKG CABLE			

REUSABLE SENSORS

Reusable Multisite SpO$_2$ Sensors

Use with wraps or clip accessories

	Multisite	Ear Clip	Pediatric Clip	Replacement Sleeves
	Multisite >1 kg	Use with SpO$_2$ sensor >30 kg	Use with SpO$_2$ sensor 3-40 kg	
CATALOG NO.	D-YS	D-YSE	D-YSPD	PDSLV

1/PKG SENSORS/CLIPS, 1 PAIR/SLEEVES

REUSABLE SENSORS

Reusable Sensor Wraps

For SpO$_2$ sensors with wraps and multisite, reusable SpO$_2$ sensors

	Wrap	Adhesive Wraps		Foam Wraps	
	For OXI-P/I, OXI-A/N, D-YS	For OXI-A/N, D-YS	For OXI-P/I, D-YS	For OXI-A/N, D-YS	For OXI-P/I, D-YS
CATALOG NO.	POSEY	ADH-A/N	ADH-P/I	FOAM A/N	FOAM P/I

CASE/24 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	For pulse oximeters without OxiMax technology	For Nellcor pulse oximeters with OxiMax technology only
	4' or 8' Sensor Extension Cable	10' Patient Interface Cable	
CATALOG NO.	DEC-4/DEC-8	MC-10	DOC-10

1/PKG

For more information call 800-NELLCOR or visit www.covidien.com.

Features and Specifications

PERFORMANCE

MEASUREMENT RANGE

SpO_2: 1% to 100%

Pulse rate: 20 to 250 beats per minute (bpm)

Perfusion range: 0.03% to 20%

ACCURACY[1]

Saturation (% $SpO_2 \pm$ 1 SD)

70% to 100% ± 2 digits

60% to 80% ± 3 digits

Low perfusion: 70% to 100% ± 2 digits

Pulse rate: 20 to 250 bpm ± 3 digits

Low perfusion: 20 to 250 bpm ± 3 digits

ELECTRICAL

INSTRUMENT

Power requirements: 100 to 120 VAC, 200 to 240 VAC, 50/60 Hz, 20 VA

Fuse rating: 0.5 Amperes

BATTERY

Type: Sealed lead-acid internal battery

Battery capacity: Typically 7 hours using new, fully charged battery

Charge time: 8-12 hours

ENVIRONMENTAL

OPERATING TEMPERATURE

Instrument: 5°C to 40°C

Transport/storage temperature (in shipping carton): -20°C to 70°C

Operating humidity: 15% to 95% noncondensing

Operating altitude: -1,280 ft to 12,000 ft

PHYSICAL CHARACTERISTICS

Weight: 5.7 lb (2.6 kg)

Size: 3.3 in H x 10.4 in W x 6.8 in D (8.4 cm x 26.4 cm x 17.3 cm)

EQUIPMENT CLASSIFICATION

- IEC 60601-1
- ISO 9919
- CSA 601.1
- EN/IEC 60601-1-2 (2nd ed.)
- UL 2601-1
- IPX1
- EN865

EMISSIONS COMPLIANCE

- EN55011, Group 1, Class B

OUTPUT

- EIA-232 and RS-422 digital output from serial port
- OxiNet Communications Output Protocol
- Nurse call capability
- Analog output (0-1V); SpO_2, pulse rate and plethysmographic waveform

DISPLAYS/INDICATORS

- High-quality LCD graphical screen
- Visual indicators: Pulse search, audible alarms silenced or off, interference indicator, low battery and battery charging, battery fuel gauge, sensor off, sensor disconnect, data in sensor and SatSeconds alarm management clock

ALARMS

- Audible and visual alarms for high/low saturation and pulse rate
- SatSeconds alarm management settings: 10, 25, 50, 100 or OFF
- Audible and visual warning indicators for low battery
- Audible sensor disconnect alarm and sensor off alarm
- Displayed saturation and pulse rate alarm limits
- Backup speaker with escalating alarm tones

OPTIONAL ACCESSORIES

- GCX mounting options
- Interface cables
- Carrying cases

CATALOG NO. **N600x**