



4000 Series Sensors

reusable and disposable pulse oximetry sensors and cables

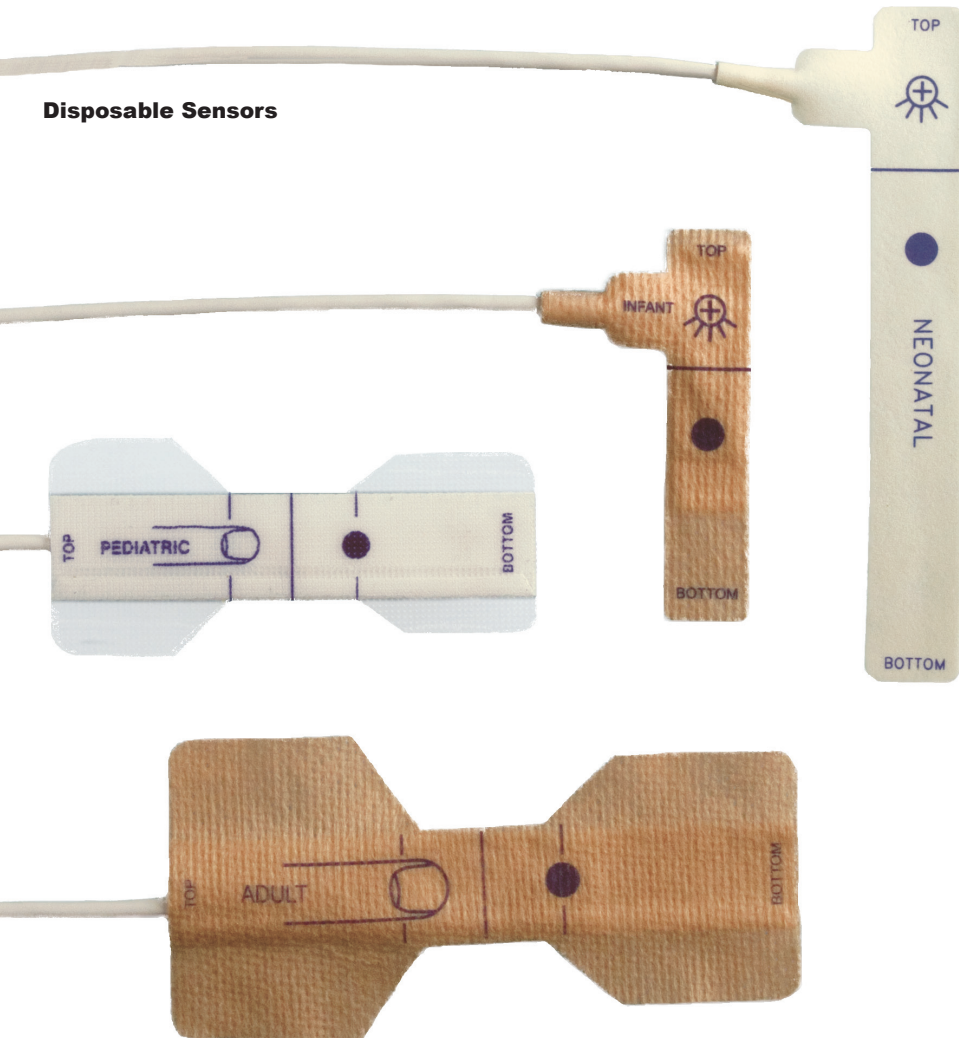
- For use in monitoring oxygen saturation and pulse rate.
- Compatible for use with a wide range of manufacturers' pulse oximeters and patient monitors.
- Manufactured using the latest technology and materials.
- Quality and robust designs.
- Reliable and accurate.

The 4000 Series includes:

- Finger sensors.
- 3rd generation soft silicone finger sensors.
- Wrap sensors.
- Ear sensors.
- Disposable sensors.
- Extension and adapter cables.

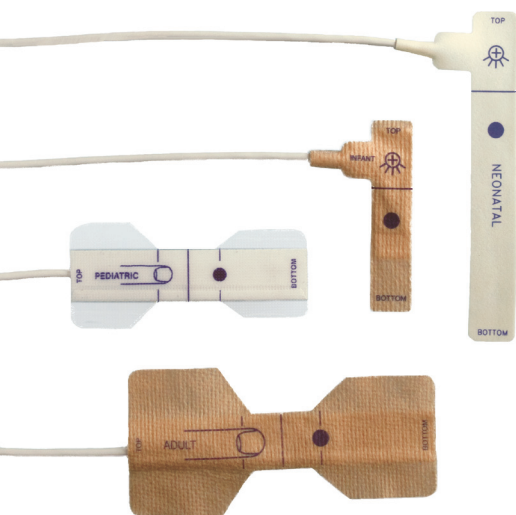


Disposable Sensors



4000 Series Disposable Sensors

minimising the risk of cross infection



- For accurate monitoring of oxygen saturation and pulse rate.
- Compatible for use with a wide range of original equipment manufacturers' pulse oximeters and patient monitors.
- Bio-compatible and latex free to help prevent allergic reactions.
- Durable and reliable design.

Cable lengths available:

Adult & Paediatric - 0.45m (18"), Infant & Neonatal - 0.90m (3')



Adult



Paediatric



Infant



Neonatal

Model Numbers

Adult	Nellcor*	Ohmeda	Datex	CSI	BCI	Novamatrix	Nonin	Viamed
Micro Foam	1-AF	2-AF	3-AF	4-AF	5-AF	6-AF	7-AF	8-AF
Plaster	1-AP	2-AP	3-AP	4-AP	5-AP	6-AP	7-AP	8-AP
Transpore	1-AT	2-AT	3-AT	4-AT	5-AT	6-AT	7-AT	8-AT
Paediatric								
Microfoam	1-PF	2-PF	3-PF	4-PF	5-PF	6-PF	7-PF	8-PF
Plaster	1-PP	2-PP	3-PP	4-PP	5-PP	6-PP	7-PP	8-PP
Transpore	1-PT	2-PT	3-PT	4-PT	5-PT	6-PT	7-PT	8-PT
Infant								
Micro Foam	1-IF	2-IF	3-IF	4-IF	5-IF	6-IF	7-IF	8-IF
Plaster	1-IP	2-IP	3-IP	4-IP	5-IP	6-IP	7-IP	8-IP
Neonatal								
Micro Foam	1-NF	2-NF	3-NF	4-NF	5-NF	6-NF	7-NF	8-NF
Plaster	1-NP	2-NP	3-NP	4-NP	5-NP	6-NP	7-NP	8-NP

*Non-OxiMax technology. Compatible to the Oxisensor II range of adhesive sensors.
All disposable SpO₂ sensors are supplied in boxes of 24.

Environmental Requirements

- **Operating temperature range**
10 - 40°C (50 - 104°F)
- **Storage and transportation temperature range**
0 - 50°C (32 - 122°F)
- **Relative humidity**
0 - 75% non-condensing

SpO₂ Accuracy

- 70 - 100%: A_{RMS} <3.0
- 0 - 69%: Unspecified.

LED Specifications

LED	Wavelength	Radiant Power (typical)	Brand
Red	660 nm	3.5 mW	All below
Infrared	885 nm	3.5 mW	Nellcor, CSI
	905 nm	3.5 mW	Datex, BCI, Viamed
	910 nm	3.5 mW	Nonin
	940 nm	3.5 mW	Ohmeda, Novamatrix

4000 Series Reusable Sensors

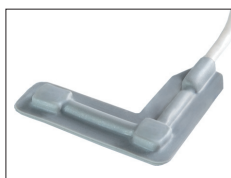
robust and reliable, reusable SpO₂ sensors

- Robust and reliable.
- Comfortable fit.
- Quality design.



Finger Sensor Part Number

Part No.	Model No.	Oximeter Brand	Cable Length (m)
0014601	SF4001	Nellcor	0.90
0014602	SF4002	Nellcor	2.00
0014603	SF4006	HP/Philips	2.95
0014604	SF4007	HP/Philips	2.00
0014605	SF4011	Datex	0.90
0014606	SF4012	Datex	2.95
0014607	SF4016	Ohmeda	2.95
0014608	SF4017	Ohmeda	1.00
0014650	SF6500 VM	Viamed	1.20



Silicone Wrap Sensor Part Number

Part No.	Model No.	Oximeter Brand	Cable Length (m)
0014821	W4001	Nellcor	0.90
0014822	W4002	Nellcor	2.00
0014823	W4006	HP/Philips	2.95
0014824	W4007	HP/Philips	2.00
0014826	W4011	Datex	0.90
0014827	W4012	Datex	2.95
0014828	W4016	Ohmeda	2.95
0014829	W4017	Ohmeda	1.00
0014835	W6500 VM	Viamed	1.20



Ear Sensor Part Number

Part No.	Model No.	Oximeter Brand	Cable Length (m)
0014801	EP4001	Nellcor	0.90
0014802	EP4007	HP/Philips	2.00
0014803	EP4011	Datex	0.90
0014804	EP4012	Datex	2.95
0014805	EP4016	Ohmeda	2.95
0014825	EP6500 VM	Viamed	1.20

Environmental Requirements

- **Operating temperature range**
10 - 40°C (50 - 104°F)
- **Storage and transportation temperature range**
0 - 50°C (32 - 122°F)
- **Relative humidity**
0 - 75% non-condensing

SpO₂ Accuracy

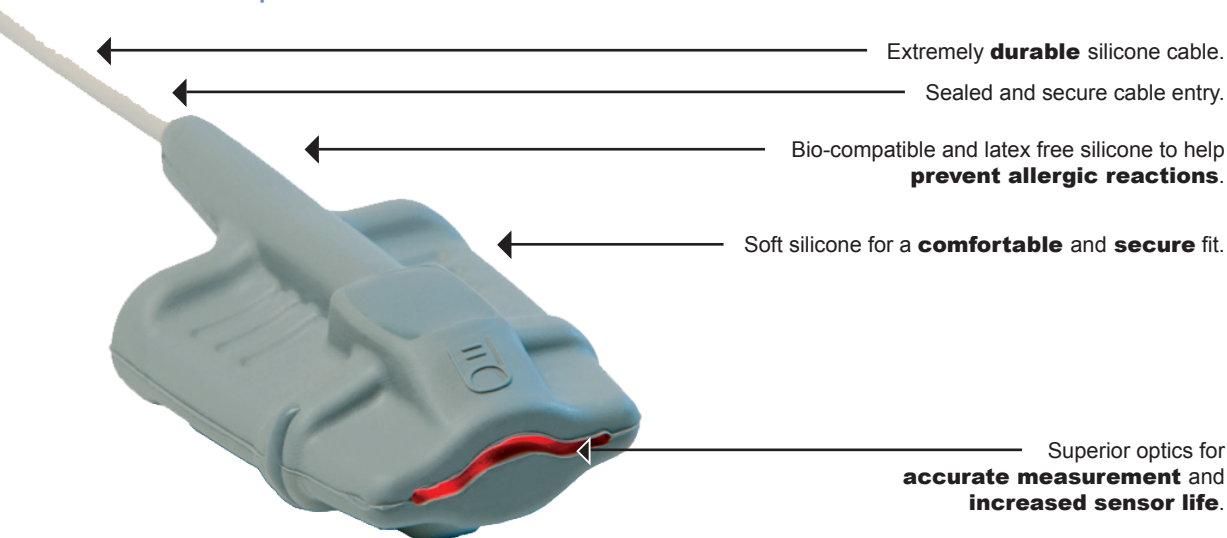
- 70 - 100%: A_{RMS} <3.0
- 0 - 69%: Unspecified.

LED Specifications

LED	Wavelength	Radiant Power (typical)	Brand
Red	660 nm	3.5 mW	All below
Infrared	885 nm	3.5 mW	Nellcor, CSI
	890 nm	3.5 mW	HP/Philips
	905 nm	3.5 mW	Datex, BCI, Viamed
	910 nm	3.5 mW	Nonin
	940 nm	3.5 mW	Ohmeda, Novametrix

4000 Series Soft Silicone Sensors

adult and paediatric, durable soft silicone sensors



Paediatric Sensor

Adult Soft Silicone Sensor Part Numbers

Part No.	Model No.	Oximeter Brand	Cable Length (m)
0014701	SC4001	Nellcor	0.90
0014702	SC4002	Nellcor	2.00
0014703	SC4006	HP/Philips	2.95
0014705	SC4007	HP/Philips	2.00
0014750	SC6500VM	Viamed	1.20
0014755	SC6501VM	Viamed	0.30

Paediatric Soft Silicone Sensor Part Numbers

Part No.	Model No.	Oximeter Brand	Cable Length (m)
0014761	SCP4001	Nellcor	0.90
0014762	SCP4002	Nellcor	2.00
0014763	SCP4006	HP/Philips	2.95
0014764	SCP4007	HP/Philips	2.00
0014751	SCP6500VM	Viamed	1.20
0014756	SCP6501VM	Viamed	0.30

For soft sensors compatible with other original equipment manufacturers not listed above, please contact Viamed.

Environmental Requirements

- **Operating temperature range**
10 - 40°C (50 - 104°F)
- **Storage and transportation temperature range**
0 - 50°C (32 - 122°F)
- **Relative humidity**
0 - 75% non-condensing

SpO₂ Accuracy

- 70 - 100%: $A_{RMS} < 3.0$
- 0 - 69%: Unspecified.

CE 0086

Specifications subject to change

LED Specifications

LED	Wavelength	Radiant Power (typical)	Brand
Red	660 nm	3.5 mW	All below
Infrared	885 nm	3.5 mW	Nellcor, CSI
	890 nm	3.5 mW	HP/Philips
	905 nm	3.5 mW	Datex, BCI, Viamed
	910 nm	3.5 mW	Nonin
	940 nm	3.5 mW	Ohmeda, Novamatrix



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BS EN ISO 9001:2008
ISO 13485:2003

Part Number: 0092840
Date: 11/10

