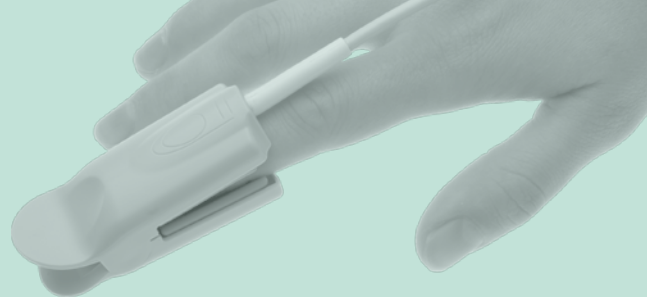


pulse oximetry



4000 Series

Soft Sensors

adult and paediatric durable, soft silicone sensors

The 4000 Series Soft Sensors

- 3rd generation soft silicone sensor
- Robust and durable
- Extremely accurate
- Comfortable and secure fit
- **Patient types available**
 - Adult
 - Paediatric



- 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.
- Manufactured using the latest production technologies and materials for a durable and flexible design.
- Can be easily and thoroughly cleaned and sterilised.
- Bio-compatible and latex free silicone to help prevent allergic reactions.

Viamed 4000 Series

soft silicone pulse oximetry sensors

Viamed manufactures adult and paediatric soft silicone pulse oximetry sensors, compatible for use with most original equipment manufacturers' pulse oximeters and patient monitors including:

Nellcor*, HP/Philips, Datex, Ohmeda, BCI, Nonin, CSI, and Viamed.

*Non-OxiMax technology. All registered trademarks recognised.

Adult Soft Silicone Sensor Model Numbers

Part no.	Model no.	Oximeter brand	Cable length
0014701	SC4001	Nellcor	0.90 m
0014702	SC4002	Nellcor	2.00 m
0014703	SC4006	HP/Philips	2.95 m
0014704	SC4007	HP/Philips	1.50 m
0014705	SC4011	Datex	0.90 m
0014706	SC4012	Datex	2.95 m
0014707	SC4016	Ohmeda	2.95 m
0014708	SC4017	Ohmeda	1.00 m
0014714	SC4046	Nihon-Kohden	2.95 m
0014715	SC4047	Nihon-Kohden	1.60 m
0014750	SC6500VM	Viamed	1.20 m
0014755	SC6501VM	Viamed	0.30 m



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

Paediatric Soft Silicone Sensor Model Numbers

Part no.	Model no.	Oximeter brand	Cable length
0014761	SCP4001	Nellcor	0.90 m
0014762	SCP4002	Nellcor	2.00 m
0014763	SCP4006	HP/Philips	2.95 m
0014764	SCP4007	HP/Philips	1.50 m
0014765	SCP4011	Datex	0.90 m
0014766	SCP4012	Datex	2.95 m
0014767	SCP4016	Ohmeda	2.95 m
0014768	SCP4017	Ohmeda	1.00 m
0014774	SCP4046	Nihon-Kohden	2.95 m
0014775	SCP4077	Nihon-Kohden	1.60 m
0014751	SCP6500VM	Viamed	1.20 m
0014756	SCP6501VM	Viamed	0.30 m



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

Environmental Requirements

- **Operating temperature range**
10 °C - 40 °C (50 °F - 104 °F)
- **Storage and transportation temperature range**
0 °C - 50 °C (32 °F - 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, Novamatrix

Specifications subject to change

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