

pulse oximetry

# 4000 Series

## Soft Sensors

adult and paediatric durable, soft silicone sensors

### The 4000 Series Soft Sensors

- 3rd generation soft silicone sensor
- Extremely 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
0014705	SC4007	HP/Philips	1.50 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 number	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
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



### SpO<sub>2</sub> Accuracy

- 70 - 100%: A<sub>RMS</sub> < 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

CE0086  
Specifications subject to change

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BS EN ISO 9001-2000  
ISO 13485-2003