

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