

8500 Series



# **Time-Tested Performance You Can Trust**

The 8500 handheld pulse oximeter provides an easy and accurate assessment of oxygen saturation and pulse rate from adults to neonates. Truly portable, this pocket-size handheld oximeter will hold up in the most demanding environments. With 100 hours of battery life, the 8500 provides a cost-effective, environmentally friendly solution for your monitoring needs. The 8500M memory version offers 18 hours of data storage.



# 8500 Series

## **Product Highlights**

- Easy to Use 3-button operation and bright LED displays
- **Indication of Pulse Quality –** Tri-color perfusion indicator
- **Reliable** Proven Nonin PureSAT® pulse oximetry technology
- **Choice** Memory (18 hours) and non-memory versions
- Outstanding Battery Life 100 hours
- **Durable** Extremely rugged construction
- **Superior** Three-year warranty

Be confident the 8500 Series will live up to its rugged and reliable reputation.

- Accuracy you can trust in most challenging conditions, such as motion and low perfusion
- Built to last in the most demanding environments (certified for aeromedical use by the USAF)
- Tricolor perfusion indicator provides immediate feedback to assess pulse quality

### **Select Your Options**

- nVISION® Data Management Software Windows®-based software provides seamless transfer of stored data for further analysis, report generation and storage (8500M)
- Serial to USB adapter for data transfer (Standard FTDI or Continua™ compliant PHDC protocol options)



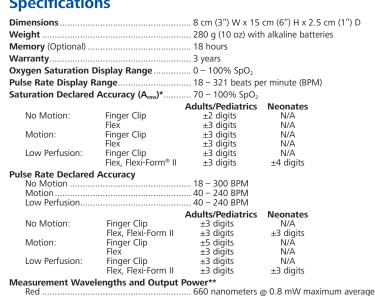
#### **Accessories**

- Carrying Case Maximizes portability
- Rubber Bumper *Provides additional* protection
- Mounting Bracket For wall or pole mount applications
- Stand *Increases flexibility of product* positioning
- PureLight® Sensors Available for a variety of placement sites
- PC Interface Cable Download data (8500M)



## **Specifications**

(1)



8500 Series fits all of these sensors:

8000AA-1, 8000AA-3, 8000AP-1, 8000AP-3,

8000J-1, 8000J-3, 8008J, 8001J

8000SS, 8000SM, 8000SL

Finger Clip Sensors:

Soft Sensors:

Flex Sensors:

Ear Clip Sensors: 8000Q2

Forehead Sensors:

Flexi-Form II Sensors:

7000A, 7000P, 7000I, 7000N, 6000A, 6000P, 6000I, 6000N

910 nanometers @ 1.2 mW maximum average

8000R, 8000H

Indicators Pulse Quality Display..... LED, tricolor 

Infrared .....

.....-20 to +50°C (-4 to +122°F) Operating Storage/Transportation ......-30 to +50°C (-22 to +122°F)

Humidity ..... 10 – 90% noncondensing 

Operating ...... Up to 12,000 meters Hyperbaric Pressure ..... Up to 4 atmospheres Power Requirements ..... Six 1.5V AA-size alkaline batteries.

100 hours maximum display brightness; 160 hours with normal brightness. Classifications per IEC 60601-1 / CSA601.1 / UL60601-1

Type of Protection: Internally powered (on battery power)
Degree of Protection: Type BF-Applied Part Mode of Operation:.... Continuous

Enclosure Degree of Ingress Protection:..... IPX2

 $^{\star}$   $\pm$  1 Arms represents approximately 68% of measurements  $^{\star\star}$  This information is especially useful for clinicians performing photodynamic therapy

Specifications are subject to change without notice.

#### The HomeCare Medical Ltd.

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Altitude



