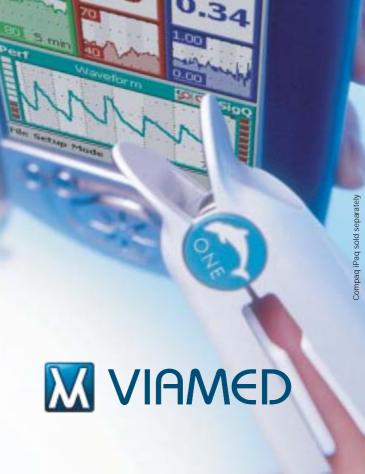
Voyager Pulse Oximeter

- Pocket PC compatibility that enables Voyager to be used with a medical drug database such as Mobile PDR.
- Ability to save and restore patient waveforms, trend data, and voice/ text annotations.
- Synchronized voice event marking.
- Perfusion index.
- Patented FFT technology.
- Low perfusion performance.







Dolphin Voyager

Voyager Pulse Oximeter

Power

Typical 60 mA (200mW) Rechargeable Lithium Polymer Battery

Nominal battery life between charges 2 hours

Environmental

503 mbar to 1059 mbar

Range

 SpO_2 (functional) 0%-100% Pulse rate (beats per minute) 30-235 Nominal perfusion 0.08%-20%

Resolution

Physical Characteristics

Size

 CF Card
 36 x 43 x 3 mm (1.4 x 1.7 x 0.1 inches)

 Cable length
 1.5m (5 ft)

 Cable connector
 Keyed Dolphin ONE 9-pin Female

Weight

iPag & CF Sleeve 265g (9.4 ounces)
Cable & CF Card 84g (2.4 ounces)

Trending 20 hours of trending

Voyager Modes

Averaging Smart algorithm utilising 4 to 12 second data stream, depending on signal to noise ratio Sensitivity Normal and High Patient types Adult, Paediatric and Neonatal

Display

SpO2, pulse rate, pleth waveform, perfusion indicator, pulse tone Alarm status, trends, status messages Touch screen graphical user interface Colour backlit LCD 320 x 240 pixels

Standard interface for clinical use

Synchronized voice event marking Companion software for Windows Full photo-plethysmogram disclosure

Sensors

Reusable finger clip, model 210 (Adult and Paediatric >30 kg) Disposable, model 520 (Adult and Paediatric >30 kg) Disposable, model 560 (Paediatric and Neonatal ≤30 kg)

Regulatory approvals

U.S. patents 05575284 and 05803137 Approved for marketing by: CE, FDA, UL and CSA **Accuracy**

SpO₂ (functional)

Adult or Paediatric >30 kg 70-100% ±2%

0-69% Unspecified

Neonate 70-100% ±3.5% 0-69% Unspecified

No motion and normal perfusion

Pulse rate (beats per minute)

Adult, Paediatric or Neonate 30-235 bpm ±3 bpm

No motion and normal perfusion

SpO₂ (functional)

Adult or Paediatric >30 kg 70-100% ±3%

0-69% Unspecified

Low perfusion <0.2%

Pulse rate (beats per minute)

Adult or Paediatric >30 kg 30-235 bpm ±5 bpm

Low perfusion <0.2%



Specifications subject to change.

Please contact Viamed for further specifications and information.

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