

## EDAN VE-H100B HANDHELD PULSE OXIMETER WITH CHARGER & PROTECTIVE COVER

E-VEH100B-PACKAGE



### PRODUCT DESCRIPTION

## Highly accurate handheld pulse oximeter with SpO<sub>2</sub> and pulse rate measurement and long-life battery

#### Package includes:

- Edan VE-H100B Handheld Pulse Oximeter Unit
- Edan Handheld Pulse Oximeter Charging Base
- Edan Handheld Pulse Oximeter Protective Cover (Blue)

Edan have raised the technological bar once again with the Edan VE-H100B Veterinary Handheld Pulse Oximeter. It provides efficient and mobile blood oxygen saturation monitoring, suitable for both spot checks and continuous monitoring. The Edan Pulse-Ox is a universal tool for veterinary use, designed to be pocket-sized, lightweight, and conveniently portable.

Acquire a comprehensive overview of your patients' respiratory and cardiovascular health quickly at the touch of a button. Take highly accurate SpO<sub>2</sub> and pulse rate readings with the advanced sensors from Edan and manage your patient monitoring with a renowned brand you can trust.

The rich display information, provided by the backlit LCD, can track numerical and graphical data like never before. Pay attention to every detail, as you can now obtain up to 10 minutes of trend graph data for both measurements simultaneously.

Stay alert by setting custom alarm thresholds within the Edan VE-H100B alarm system setup menu. These alarms activate either a visual or auditory alert when blood oxygen saturation or pulse rate readings fall outside the user's specified SpO<sub>2</sub> or pulse rate limits. Reduce the margin for error when continuously monitoring a pulse with the helpful pulse rate alert tone, which indicates the real time pulse rate detected by the monitor.

The device has in-built memory with a large data storage capacity, which can be transferred to a PC. You can manage, review, and print your recorded data using Edan software, available separately. When using AA batteries (four included with the unit), this device can operate continuously for up to 48 hours. Alternatively, the unit can also operate on Ni-MH rechargeable batteries, which are available separately.

**2 Year warranty on the Edan VE-H100B Veterinary Pulse Oximeter main unit**  
**1 Year warranty on the accessories or disposables**

#### Key Features:

- 1.3" LCD screen displays SpO<sub>2</sub> and Pulse rate measurement
- Display number and waveform of SpO<sub>2</sub> simultaneously
- The latest 10 minutes trend graph and table of SpO<sub>2</sub> and Pulse Rate reviewed on the screen
- Long battery life - up to 48 hours on 4 1.5V AA alkaline batteries (Included)
- Compatible with Nellcor VETSAT veterinary sensor
- Powerful data storage capacity
- Data can be transferred to PC for storage, review and printing with optional PC software
- RTC (Real Time Clock) display
- Backlight switch and automatic power-off function for power saving
- Audible and visible alarm capability
- Pitch tone
- Compact and lightweight design
- Carry bag included

#### Whats in the box:

- Series cable
- H100 SpO<sub>2</sub> extension cable
- Ni-MH rechargeable battery package
- Battery charger stand
- Oximeter Viewer Data management software
- Silicone protective cover
- Pole mount

#### Specifications:

- Type of Protection: Internally powered equipment
- Degree of Protection: Type BF - Applied part
- Ingress Protection: IPX2
- Mode of Operation: Continuous Measuring and spot checking
- Degree of Safety in Presence of Flammable Gases: Not suitable for use in presence of flammable gases  
Compliant with Safety Standards: IEC 60601-1:2005+A1:2012, EN 60601-1:2006+A1:2013, IEC 60601-1-2:2007, EN 60601-1-2:2007; ISO80601-2-61:2011
- Size: 160mm (L)x70 mm (W)x37.6mm (H)
- Weight: 165 g (without battery)
- Display (Screen Type): 128x64 dot-matrix LCD, with white LED backlight
- Display (Big Numeric Mode): SpO<sub>2</sub>, PR, and Bar graph displayed
- Display (Waveform Mode): SpO<sub>2</sub>, PR, Bar graph and Plethysmograph displayed
- Alkaline Batteries (Quantity): 4
- Alkaline Batteries (Total Rated Voltage): 6 V | (Typical Operation Time): 48 hours or longer
- Batteries (Capacity): 2600 mAh
- Ni-MH Rechargeable Battery Package (Quantity): 1
- Ni-MH Rechargeable Battery Package (Total Rated Voltage): 4.8 V
- Ni-MH Rechargeable Battery Package (Capacity): 1800 mAh/1500 mAh
- Ni-MH Rechargeable Battery Package (Typical Battery Life): 36 hours or longer (1800 mAh)/30 hours or longer (1500 mAh)
- Ni-MH Rechargeable Battery Package (Charge Time): No more than 2.5 hours to 80%, No more than 4 hours to 100%
- Measurement Range (SpO<sub>2</sub>): 0% ~ 100%
- Accuracy (SpO<sub>2</sub>): ±2% (70% ~ 100%)
- Accuracy (PR): ±2 bpm
- Resolution (SpO<sub>2</sub>): 1%
- Resolution (PR): 1 bpm
- Sensor (Red Light): (660±3) nm / Sensor (Infrared Light): (905±10) nm / Sensor (Emitted Light Energy): < 5 mW

## ADDITIONAL INFORMATION

<b>Animal</b>	Mixed
<b>SKU</b>	E-VEH100B-Package
<b>Monitor Parameters</b>	Heart Rate, SpO <sub>2</sub>
<b>Screen Type</b>	Digital Display
<b>Power Source</b>	Battery, Rechargeable

### Good to know...

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**Backorders:** All back ordered items will be ordered and shipped as quickly as we can to you. Special order items may take up to 4 weeks. Once ordered a member of our team will be in contact to keep you informed of estimated delivery dates.  
**Returns Policy:** You may return new, unworn or unused products within fourteen (14) days of delivery for a full refund of the cost of the goods, or an exchange if preferred. This is on top of your statutory rights