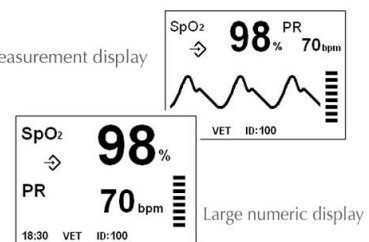# EDAN

VE-H100B

Veterinary Pulse Oximeter

- LCD display
- RTC (Real Time Clock) display
- Backlight switch and automatic power-off function for power saving
- SpO$_2$ and Pulse rate measurement
- Display number and waveform of SpO$_2$ simultaneously
- Long battery life - up to 48 hours on 4 "AA" or 36 hours on Ni-MH rechargeable batteries
- Powerful data storage capacity (up to 300 hours)
- Data transferred to PC for storage, review and printing
- The latest 10 minutes trend graph and table of SpO$_2$ and Pulse review in the screen
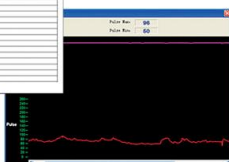- Audible and visible alarm capability
- Pitch tone

Real-time measurement display

Large numeric display

PC storage is easy to access through RTC and ID.

VE-H100B provides up to 100 IDs and 300 hours data storage capacity for continuous monitoring. All data can be transferred to PC through DB9 interface for storage, review and printing.

Navigating buttons for operation

The latest 10 minutes trend graph and table of SpO$_2$ and Pulse Rate can be reviewed on the screen.

www.edan.bg

VE-H100B Veterinary Pulse Oximeter

Specifications

1 Classification

Type of Protection	Internally powered equipment (on battery power)
EMC Compliance	Class B
Degree of Protection	Type BF – Applied part
Mode of operation	Continuous
Enclosure Degree of ingress Protection	IPX2

2 Specifications

2.1 Size and Weight

Size:	160 (L)×70 (W)×37.6 (H) (mm)
Weight:	165 (g) (without battery)

2.2 Environment

Temperature:

Working	5°C ~ 40°C
Storage	-20°C ~ 55°C

Humidity:

Working	25% ~ 80% (no coagulate)
Storage	25% ~ 93% (no coagulate)

2.3 Display

VE-H100B:	128*64 dot-matrixes LCD , with white LED backlight

2.4 Batteries

Ni-MH rechargeable battery package

Quantity	1
Total rated voltage	4.8 V
Capacity	1800 mAh
Typical battery life	36 hours
Charge time	2.5 hours to 80%
	4 hours to 100%

Alkaline batteries

Typical battery life	4 pieces 1.5 V AA 48 hours

3 Measuring Parameter Specification

Measurement range

SpO$_2$	0 ~ 100 %
PR	30 ~ 254 bpm

Accuracy Tolerance

Saturation

Normal condition	± 2digits (70 ~ 100%)

Pulse Rate

Normal condition	± 3digits

Resolution

SpO$_2$	1%
Bpm	1 bpm

Ordering Information

Part Number	Description
MS9-112217	Main unit (with standard reusable sensor and carrying case)
N/A	H100 Data Management Kit
MS3R-110498	EDAN VE-SH7 Veterinary Pulse Oximetry Sensor (with Veterinary Large and Small Clip)
N/A	Battery Charger Stand Kit
N/A	Protective Cover

Partial list of choices, for more details please refer to the price list.