

# Veterinary Pulse Oximeter

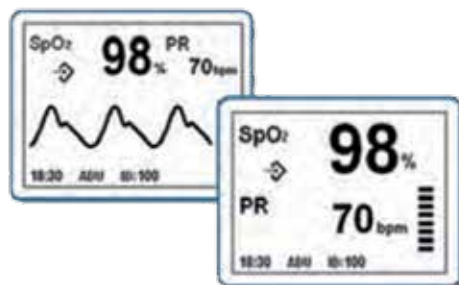
## Liberty VE-H100B



The VE-H100B Pulse Oximeter provides a simple universal tool for veterinary use – from spot checks to continuous monitoring. Data can be transferred to PC for storage, management, review and printing.

### Features:

- LCD display
- RTC (Real Time Clock) display
- Backlight control and automatic power-off function for power saving
- SpO2 and Pulse rate measurement
- Display numeric and waveform of SpO2 simultaneously
- Long battery life - up to 48 hours on 4 "AA" or 36 hours on Ni-MH rechargeable battery pack (included)
- Desk charger
- Powerful data storage capacity
- Data can be transferred to PC for storage, review and printing
- The latest 10 minutes trend graph and table of SpO2 and Pulse Rate can be reviewed in the screen
- Audible and visible alarm
- Pitch tone



Real time measurement display.  
Large numeric display.  
PC storage is easy to access through RTC and ID



Liberty Pulse Oximeter with Silicone Cover and Battery Charger Stand

Order Code	Description
POLVEH100B	VE-H100B VETERINARY HAND-HELD PULSE OXIMETER
POLFSVS	VE-SH7 VETERINARY PULSE OXIMETRY SENSOR WITH SMALL CLIP
POLFSVL	VE-SH7 VETERINARY PULSE OXIMETRY SENSOR WITH LARGE CLIP
POLEC1.5	SPARE EXTENSION CABLE 1.5 METRE
POLEC5	SPARE EXTENSION CABLE 5 METRE
POLSWC	SOFTWARE FOR LIBERTY PULSE OXIMETER

Prepared by: Paragon Medical Pty Ltd trading as LR Instruments ABN 76 133 072 107  
Unit 7/100 New Street (PO Box 458) Ringwood VIC 3134  
Contact Details: P (03) 9870 7066 | F (03) 9870 1638 | E info@lrinstruments.com.au  
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First Prepared: 4/12/14 Eevien Tan  
Release Approval: 4/12/14 Lee Carter  
Version Control: V2.0 Page 1 | 2

# Handheld Pulse Oximeter

## Liberty H100B



### Technical Details

#### Classification

EMC Compliance	Class B
Degree of Protection	Type BF-Applied part
Mode of Operation	Continuous
Enclosure	Degree of Ingress Protection IPX2

#### Size and Weight

Size	(L) 160 x (W) 70 x (H) 37.6mm
Weight	165g (without batteries)

#### Environment

Temperature	
Working	5°C ~ 40°C
Storage/Shipping	-20°C ~ 55°C
Humidity	
Working	25% ~ 80% (non-condensing)
Storage/Shipping	25% ~ 93% (non-condensing)

#### Display

H100B	120*64 dot-matrixes LCD
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#### Charger Stand

Input Voltage	100 to 240V AC, 50/60 Hz
Output Voltage	8V DC
Output Current	0.8A
Output Power	6.4W

#### Battery

Type	Ni-MH rechargeable battery package
Quantity	1 @ 4.8V
Capacity	1800 mAh
Battery Life	36 hours (typical)
Charge Time	2.5 hours to 80%
	4 hours to 100%
Type	Alkaline Batteries
Quantity	4 x AA Batteries 1.5V
Battery Life	48 hours (typical)

### Measuring Parameter Specification

#### Measurement Range

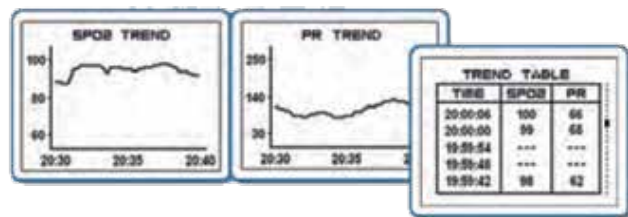
SpO2	0 - 100%
PR	25 - 300 BPM

#### SpO2 Accuracy

Adult/Pediatric	±2% (70% - 100%)
Neonate	±3% (70% - 100%)

#### Pulse Rate Accuracy

Adult/Pediatric	±3 BPM
Neonate	±3 BPM
SpO2 Resolution	1%
PR Resolution	1 BPM



The latest 10 minutes trend graph and table of SpO2 and Pulse Rate can be reviewed in the screen.

