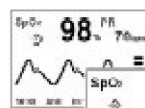
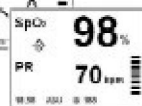


# H100B Hand Held Pulse Oximeter



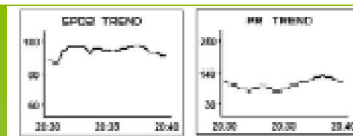
Real time measurement display



Large numeric display



Compatible with Nellcor and BCI DB9 sensors for adult, paediatric and neonatal monitoring



The latest 10 minutes trend graph of SpO2 and pulse rate can be reviewed on screen



Navigation buttons for easy use



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.

The H100B Handheld Pulse Oximeter provides a simple, universal tool for patient monitoring—from spot checks to continuous monitoring. All monitoring data can be transferred to a 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 50 hours on 4 "AA" or Ni-MH rechargeable batteries
- Powerful data storage capacity
- Data can be transferred to PC for storage, review and printing
- 10 minutes trend graph of SpO2 and Pulse Rate can be reviewed
- Pulse tone
- Audible and visible alarm capability
- Compatible with Nellcor and BCI DB9 sensors



# H100B Hand Held Pulse Oximeter

## Technical Specifications

### 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
Ingress Protection:	IPX2

### Size & Weight

Size:	158 (l) x 70 (w) x 37mm (h)
Weight:	210g

### Environment

Working Temp:	0—40°C
Storage Temp:	-20—60°C
Working Humidity:	10—90% (non condensing)
Storage Humidity:	10—95% (non condensing)

### Display

H100B:	128 x 64 dot matrix LCD
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### Battery

Power Supply:	Batteries
Life Span of Battery:	Continuous working for 50 hours
Standard is for 4 x 1.5V AA batteries and also compatible with 1.2V Ni-MH rechargeable battery.	

### Measuring Parameters

#### Measuring Range

SpO2:	0—100%
BPM:	30-254 bpm

#### Measuring Accuracy

SpO2 Adult:	70—100% +/- 2 digits Less than 70% unspecified
SpO2 Neonatal:	70—100% +/- 3 digits Less than 70% unspecified
Motion Condition:	70—100% +/- 3 digits Less than 70% unspecified
BPM Adult:	+/- 3 bpm
BPM Neonatal:	+/- 3 bpm
Motion Condition:	+/- 5 bpm

#### Resolution

SpO2:	1%
BPM:	1 bpm

