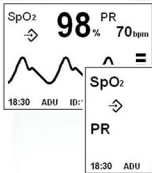


# H100B

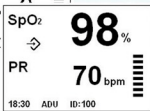


## Pulse Oximeter

- LCD display
- RTC (Real Time Clock) display
- Backlight control and automatic power-off function for power saving
- SpO<sub>2</sub> and Pulse rate measurement
- Display numeric and waveform of SpO<sub>2</sub> simultaneously
- Long battery life - up to 48 hours on 4 "AA" or Ni-H rechargeable batteries
- Powerful data storage capacity
- Data can be transferred to PC for storage, review and printing
- The latest 10 minutes trend graph and table of SpO<sub>2</sub> and Pulse Rate can be reviewed in the screen
- Compatible with Nellcor and BCI DB9 sensor
- Audible and visible alarm capability
- Pitch tone

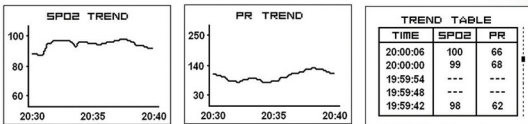


Real-time measurement display



Large numeric display

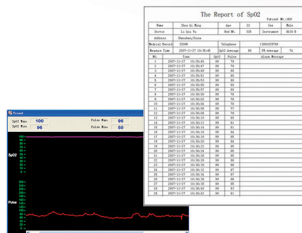
PC storage is easy to access through RTC and ID.



The latest 10 minutes trend graph and table of SpO<sub>2</sub> and Pulse Rate can be reviewed in the screen.



Compatible with Nellcor and BCI DB9 sensor for adult, pediatric and neonatal monitoring



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 menu operation

# H100B 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

H100B:	128*64 dot-matrixes LCD
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#### 2.4 Batteries

Power supply:	Batteries
Life-span of battery:	Continuous working for 48 hours

Standard match 4 pieces 1.5V AA alkaline batteries,  
Compatible with 4 pieces 1.2V Ni-H rechargeable batteries

### 3 Measuring Parameter Specification

Measurement range

SpO<sub>2</sub> 0 ~ 100 %

PR 30 ~ 254 bpm

Accuracy Tolerance

Saturation

Adult and Pediatric ± 2digits (70 ~ 100%)

Neonate ± 3digits (70 ~ 100%)

Motion condition ± 3digits (70 ~ 100%)

Pulse Rate

Adult and Pediatric ± 3digits

Neonate ± 3digits

Motion condition ± 5digits

Resolution

SpO<sub>2</sub> 1%

Bpm 1 bpm

## Ordering Information

Part Number	Description
MS9-109020	Main unit (with standard reusable sensor and carrying case)
N/A	H100 Data Management Kit
MS3-109079	EDAN Adult Reusable SpO <sub>2</sub> Sensor
MS3-110492	EDAN Neonate Warp SpO <sub>2</sub> Sensor
MS3-110515	EDAN Adult Soft-tip SpO <sub>2</sub> Sensor
MS3R-110513	EDAN Adult Soft-tip SpO <sub>2</sub> Sensor (Immersion Disinfection)
MS2-30043	Nellcor Reusable Adult SpO <sub>2</sub> Sensor
M15-40096	Nellcor Reusable Adult/Neonate SpO <sub>2</sub> Sensor
N/A	Protective cover

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



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Features and specifications are subject to change without notice

ENG-PM-H100B-V1.1-20090730