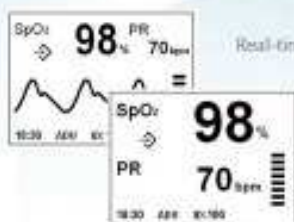


# H100B



## Pulse Oximeter

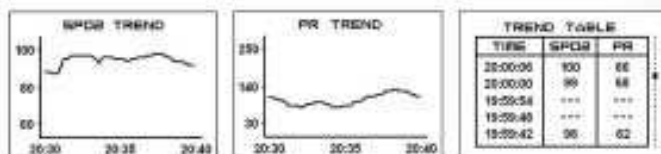
- LCD display
- RTC (Real Time Clock) display
- Backlight control and automatic power-off function for power saving
- SpO<sub>2</sub> and Pulse rate measurement
- Display numeric and waveform of SpO<sub>2</sub> simultaneously
- Long battery life - up to 48 hours on 4 "AA" or 36 hours on NI-MH rechargeable 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
- 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.



Battery charger stand



H100B can support reusable and disposable DB9 sensors 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.

# H100B Pulse Oximeter

## Specifications

### 1 Classification

Type of Protection	Intentially 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)x70 (W)x37.6 (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 Charger Stand

Input voltage	100 to 240 VAC, 50/60Hz
Output voltage	8 VDC
Output current	0.8 A
Output power	6.4 W

#### 2.5 Battery

Ni-MH rechargeable battery package	
Quantity	1

## 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
MS3-110521	EDAN Pediatric Soft-tip 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)
N/A	Battery Charger Stand Kit
N/A	Protective cover

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



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 <sub>2</sub>	0 – 100 %
PR	30 – 254 bpm

#### Accuracy Tolerance

#### Saturation

Adult and Pediatric	± 2digits (70 ~ 100%)
Neonate	± 3digits (70 ~ 100%)

#### Pulse Rate

Adult and Pediatric	± 3digits
Neonate	± 3digits

#### Resolution

SpO <sub>2</sub>	1%
Bpm	1 bpm



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