

# EDAN

# H100B

## Handheld Pulse Oximeter

As a handheld pulse oximeter, H100B is designed to serve the needs of both long-term monitoring and spot check. It's dedicated to offer reliable, accurate and sensitive measurement of blood oxygen saturation under even harsh conditions.

Measured Parameters: SpO<sub>2</sub> + PR

**300 h**  
SpO<sub>2</sub> Review

**100**  
Patient ID



Care for Health

# H100B

## Handheld Pulse Oximeter

### Mounting Solutions



Bed Rail Mount



Carrying Bag



Charger Stand

- LCD display with backlight control
- Dual work modes: monitoring & spot check
- Numeric display with plethysmogram display
- Trend review
- Pulse-tone modulation (Pitch Tone)
- Adjustable audio and visual alarms
- Powerful data storage capacity (up to 300 hours)
- PatientCare Viewer software for PC data management
- 4 x AA batteries for up to 48 hours of work

- Rechargeable battery for up to 30 hours of work
- Optional battery charger stand
- Automatic power-off function for power saving

## Specification

### 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

### Size and Weight

Size	160 (L) x 70 (W) x 37.6 (H) (mm)
Weight	165 g (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

Screen Type	LCD (128*64)
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### Charger Stand

Input Voltage	100 to 240 V AC, 50/60 Hz
Output Voltage	6 V DC
Output Current	0.8 A
Output Power	4.8 W

### Battery

Ni-MH Rechargeable Battery Package	
Quantity	1
Total Rated Voltage	4.8 V
Capacity	1500 mAh
Typical Battery Life	30 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

### Measuring Parameter Specification

Measurement Range	
SpO <sub>2</sub>	0-100 %
PR	25-300 bpm
SpO <sub>2</sub> Accuracy	
Adult/Pediatric	±2% (70%-100%)
Neonate	±3% (70%-100%)
Pulse Rate Accuracy	
Adult/Pediatric	±2 bpm
Neonate	±2 bpm
SpO <sub>2</sub> Resolution	1%
PR Resolution	1 bpm

### Ordering Information

H100B	Pulse Oximeter Including Standard Accessories: Main Unit, Edan Adult Reusable SpO <sub>2</sub> Sensor 4 x AA Size Batteries, Carrying Case Use Manual, Quick Reference Card
0316113589	Battery Charger Stand kit, Including: 1 x NiMH Battery and 1 x Charger Stand/Cord
0325110260	Data Management Kit, Includes: PatientCare Viewer (for H100B) Software CD 1 x RS232 cable, User Manual
0204240101	Mounting Kit
0151110164	Protective Cover (Grey)
0151112408	Protective Cover (Blue)
0151112407	Protective Cover (Green)
015611016511	Carrying Case

**EDAN**

**Edan Instruments, Inc.**



**Solic Medical Equipment**

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