



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: SpO₂ + PR

300 h
SpO₂ Review

100
Patient ID



Easy Operation



Unique Sensor Design



Battery Charger Stand



Outpatient



Ambulance



Ward

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)×70 (W)×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

H100B	LCD (128*64)
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Charger Stand

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

Battery

Ni-MH Rechargeable Battery Package	
Quantity	1
Total Rated Voltage	4.8 V
Capacity	1800 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 ₂	0-100 %
PR	25-300 bpm
SpO ₂ Accuracy	
Adult (Pediatric)	±2% (70%-100%)
Neonate	±3% (70%-100%)
Pulse Rate Accuracy	
Adult/Pediatric	±3 bpm
Neonate	±3 bpm
SpO ₂ Resolution	1%
PR Resolution	1 bpm

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