

pulse OXIMETER

PO-100B Pulse Oximeter



- 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 48 hours on 4 “AA” or 36 hours on Bi-MH rechargeable batteries
- Powerful data storage capacity
- Up to 300 hours SpO₂ data (1 read per 2 seconds) can be transferred to PC by Patient Care Viewer for storage, review and printing
- The latest 10 minutes trend graph and table of SpO₂ and Pulse Rate can be reviewed in the screen
- Audible and visual alarm
- Pitch tone

PO-100B Pulse Oximeter

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
Enclosure Degree of ingress Protection	IPX2

Size and Weight

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

PO-100B	128*64 dot-matrixes LCD
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Charger Stand

Input voltage	100 to 240V AC, 50/60Hz
Output voltage	8V DC
Output current	0.8A
Output power	6.4W



Battery

Ni-MH rechargeable battery package	
Quantity	1
Total rated voltage	4.8V
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 1.5V AA 48 hours

Measuring Parameter Specification

Measurement range	
SpO ₂	0 -100 %
PR	25 -300 BPM
SpO ₂ Accuracy	
Adult (including pediatric)	±2%(70% - 100%)
Neonate	±3%(70% - 100%)
Pulse Rate Accuracy	
Adult/Pediatric	±3 BPM
Neonate	±3 BPM
SpO ₂ resolution	1%
PR resolution	1BPM



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