

H100B

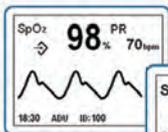
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H100B

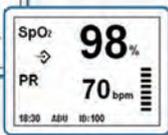
H100B

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 Ni-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

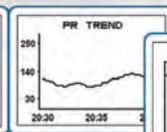
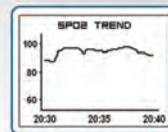


Real time measurement display



Large numeric display

PC storage is easy to access through RTC and ID

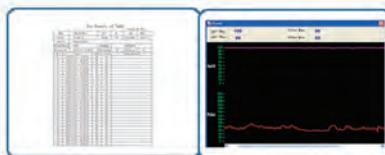


TREND TABLE		
TIME	SPO2	PR
20:00:06	100	66
20:00:50	99	68
19:59:54	---	---
19:59:48	---	---
19:59:42	98	62

The latest 10 minutes trend graph and table of SpO₂ and Pulse Rate can be reviewed in the screen



Battery charger stand



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 can support reusable and disposable DB9 sensors for adult, pediatric and neonatal monitoring.

H100B 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

H100B	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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