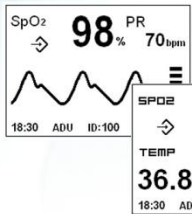


# H100 N

## Handheld Pulse Oximeter

Nellcor Oximax Inside!

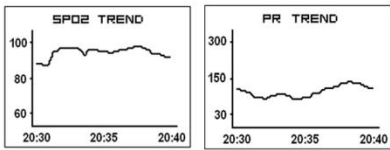
- LCD display
- RTC (Real Time Clock) display
- Backlight control and automatic power-off for power saving
- Nellcor SpO<sub>2</sub> as standard
- Temperature measurement
- Display numeric result and waveform simultaneously
- Long battery life - up to 48 hours on 4 "AA" or Ni-MH rechargeable batteries
- Pitch Tone
- Powerful data storage capacity
- Data can be transferred to PC for storage, review and printing
- The latest 10 minutes trend graph of SpO<sub>2</sub> and Pulse Rate can be reviewed in the screen
- Audible and visible alarm capability



Real-time measurement display

Large numeric display

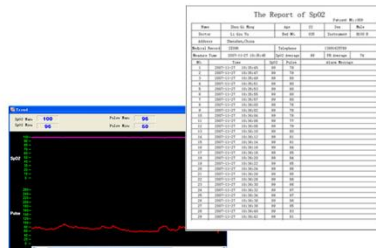
PC storage is easy to access through RTC and ID.



The latest 10 minutes trend graph of SpO<sub>2</sub> and Pulse Rate can be reviewed in the screen.



With different kinds of sensors, H100N can address needs of adult, pediatric, and neonatal monitoring, it also provides Temperature measurement.



# H100 N Handheld Pulse Oximeter

## Classification

Type of Protection	Internally powered equipment (4 1.5V LR6 AA batteries)
EMC Compliance	Class A
Degree of Protection	Type BF-Applied part
Mode of operation	Continuous measuring and spot measuring

## Size and Weight

Size	160 (L)×70 (W)×37.6 (H) (mm)
Weight	185g (without battery)

## Environment

Temperature	
Working	5°C~40°C
Transport and Storage	-20°C~+55°C
Humidity	
Working	25% ~ 80% (non-condensing)
Transport and Storage	25% ~ 93% (non-condensing)
Atmospheric pressure	
Working	860 hPa ~ 1060 hPa
Transport and Storage	700 hPa ~ 1060 hPa

## Display

128 x 64 dot-matrix LCD, with LED backlight	
Data update period	2 seconds

## Battery

Power supply	Batteries
Battery life is typically	48 hours
Standard match is	4 x 1.5v AA alkaline batteries
Compatible with	1.2V Ni-HM rechargeable battery

## Performance

### Measurement Range

SpO <sub>2</sub>	1% to 100%
Pulse rate	20 to 300 bpm
Temperature	0°C ~ 50°C

### Resolution

SpO <sub>2</sub>	1%
Pulse rate	1bpm
Temperature	0.1°C

### Accuracy

Saturation	
Adult	70 ~ 100% ± 2digits
Neonate	70 ~ 100% ± 3digits
Low Perfusion	70 ~ 100% ± 2digits

Pulse Rate	
Adult and Neonate	20 ~ 300 bpm ± 3digits
Low Perfusion	20 ~ 300 bpm ± 3digits

Temperature	25 ~ 45°C ± 0.1°C
Function	0 ~ 25°C and 45 ~ 50°C ± 0.2°C

### Alarm

3-level audible and visual alarm
Adjustable audio paused time for 30,60,90,120 seconds

### Data Storage

100 Patient ID up to 300 hours SpO<sub>2</sub>, PR data record.

### Quick Trend

Lately 10 minutes Trend Graph for SpO<sub>2</sub>, PR

### Other

Pitch Tone
Multiple Language Support

