

*Pulse oximeter*

# **BPM - 200**

*Catch the waveform at numeric oximeter price. We invite you to take a closer look at the #1 name in desktop pulse oximetry.*



***Compact, Convenient, Complete, Cost effective...***

**BPM-200** is the most economical, reliable, high performance and easy to use pulse oximeter. Utilizing an auto gain control, it generates not only a fast response but also an accurate measurement result by greatly reducing possible errors when examining different races.

LCD provides a great visibility of plethysmographic waveform, integrating a signal strength indicator plus on-screen trending. Easy-to-read display at any time.

DC battery available with maximum 4 hours of operation.

User friendly and transportable in compact design with a handgrip. Perfect quality for ER, OR, ambulance and more.

## SPECIFICATION

### Display

Screen : 240X64 LCD Display  
 12-segment pulse amplitude bar  
 Maximum 72 Hours trend function  
 Numeric data display : High SAT, High Rate, Low SAT, Low Rate,  
 Current Rate, SAT  
 Alarms On/Off

### Range

Saturation : 35~100%  
 Pulse Rate : 30~250bpm( beats per minute)

### Limits

Preset Alarm Limits

	Adults	Neonates
High SAT	100 SpO <sub>2</sub> %	95 SpO <sub>2</sub> %
Low SAT	85 SpO <sub>2</sub> %	80 SpO <sub>2</sub> %
High Rate	140bpm	200bpm
Low Rate	55bpm	100bpm

Alarm Limit Range

	Adults	Neonates
High SAT	85~100 SpO <sub>2</sub> %	85~100 SpO <sub>2</sub> %
Low SAT	35~85 SpO <sub>2</sub> %	35~85 SpO <sub>2</sub> %
High Rate	100~250bpm	100~250bpm
Low Rate	35~100bpm	35~100bpm

Saturation Accuracy (%SpO<sub>2</sub> ±1SD)

	SpO <sub>2</sub>	1SD
Adults	70~100%	2digits
	50~69%	3digits
	0~49%	Unspecified
Neonates	N/A	N/A
Pulse Rate	30~250bpm	3bpm

Alarm Suspend : 2 Min

### Power Requirements

100~240 VAC, 50/60Hz  
 Less than 24W power consumption

### Battery Pack

Lead acid battery pack(12Volt@2AH cell)  
 4 hours operation when fully charged  
 20 hours for full charging

### Trend Memory

Saturation and Pulse rate Memories(24 hours maximum)

### Physical Dimension

75mm(H)X225mm(W)X175mm(D)  
 Weight : about 3.5kg

### Environmental

Operating temperature 10~40°C(50°F~104°F)  
 Storage temperature-10°C~-60°C(-4°F~188°F)



## FEATURE

Monitors adult, pediatrics and neonates  
 Plethysmographic waveforms display and up to 24 hours of patient trends.  
 High quality LCD Display  
 Internal power supply  
 Long battery life 4 hours  
 Digital signal processing  
 Auto gain control signal processing  
 Portable



### Equipment Classification

IEC 60601-1  
 EN 865

### Emissions Compliance

IEC 60601-1-2 Class B for emissions  
 Criteria level A device for immunity



All specifications are subject to change without notice