

Oxy9Wave

Pulse Oximeter

bionet

General Specifications

Dimension(mm)	45(H) x 217(W) x 75(D)
Weight(Kg)	0.3
Display	3.5" color TFT-LCD
Resolution	320 x 480
Control Keys	Alarm Silence Setting, Backlight, Pulse Beep, Rotate Display
Displayed Data	SpO ₂ , BPM, SpO ₂ Limits, BPM Limits, Level Bar, Pulse Rate Wave, Time and Date, Alarm Volume, Battery Status, and Brightness
Operating Mode	Continuous
Interface	DC input connector: 5V, 2.0A USB digital output for transferring data
Data Storage	SpO ₂ , BPM
BPM	30 days at 10 second intervals
Indicators	2 LED, 4 LED Indicator

Parameters

SpO₂, Pulse Rate, PI (Perfusion Index)

SpO₂ Performance

Saturation Range	40 to 100%
Saturation Accuracy	70 to 100% ±2 digits 0 to 69% unspecified
Pulse Rate Range	18 to 450 bpm
Pulse Rate Accuracy	±2 bpm or 2% of reading, whichever is greater

Environmental Specifications

Temperature	
Operating	5 to 40 °C
Storage	-20 to 70 °C
Humidity	
Operating	30 to 85%
Storage	5 to 95%
Altitude	
Operating	525 to 795 mmHg (70 to 106 kPa)
Storage	375 to 795 mmHg (50 to 106 kPa)

Power Specifications

Power Consumption	24VA (max)
Line Voltage	100 to 240 VAC
Frequency	50/60 Hz
Battery	Rechargeable Lithium ion 3.65V/5500mAh 3.65V/6500mAh
Charge Time	More than 6.5 hours
Run Time	15 hours or more

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