

BW2B-V

Vital Signs Monitor (SpO2/ NIBP/TEMP/PR)

Product Features

- ◆ Bright, easy-to-read LED numerals
- ◆ Durable, compact and lightweight
- ◆ Long-life internal rechargeable battery for uninterrupted monitoring
- ◆ Accurate, reliable readings during motion and low perfusion
- ◆ Audible/visual three level alarms with alarm volume control
- ◆ 72-hour data memory allowing on-screen viewing of SpO2 and pulse rate trends
- ◆ Application: cats, dogs, horses, sheep and cattles, etc.
- ◆ Optional Built-in thermal printer
- ◆ RS232 port for external printer and central monitoring



Technical Specification

Measurement Range:

SpO2: 0%~100%
Resolution: 1%
Pulse Rate: 25bpm~400bpm
Resolution: 1bpm

SpO2 Accuracy:

No Motion: 70~100% $\pm 2\%$
0~69% unspecified
Motion: 70~100% $\pm 3\%$
0~69% unspecified
Low Perfusion: 70~100% $\pm 3\%$
0~69% unspecified

Pulse Rate Accuracy

No Motion: $\pm 3\%$
Motion: $\pm 5\%$
Low Perfusion: $\pm 5\%$

Alarm

Audible/Visual Alarms
Alarm Limits Adjustable

Non-Invasive Blood Pressure (NIBP)

Measurement Range: 15-270mmHg
Resolution: 1mmHg
Method: Oscillometric
Mode: Manual/Automatic/Continuous

Temperature

Measurement Range: 25-45 °C
Accuracy: ± 0.2 °C

Output

RS-232 Serial Port for Digital Output
Nurse Call Function

Power Requirements:

100~240VAC, 50/60Hz, 20VA
Fuse Rating: 1.0A

Battery

Internal Battery: 12V 3.6Ah
Battery Capacity: ≥ 24 hours

Environment

Operation Temperature: 5~40°C (41~104°F)
Humidity: 10% \leq 95%
Transport/Storage Temperature: -20~+70°C (-4°F~158°F)
Humidity: 10% \leq 95%

Dimension & Weight:

264mm(W) x 95mm(H) x 172mm(D)
[10.39in(W) x 3.74in(H) x 6.77in(D)]
Net Weight: 2.25kg
Gross Weight: 5.0kg

Compliance

EN60601-1/GB9706.1
EN60601-1-2, EN60601-2-49

Thermal Printer(Optional)

Prints Graphical and Tabular Trend

Standard Accessories:

SpO2 sensor with large and small lingual clip
Disposable NIBP cuffs
Interior Temp. Sensor