

BW2B

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: Adult, Pediatric and Neonate
- ◆ Optional Built-in thermal printer
- ◆ Able to connect to Nurse call network
- ◆ RS232 port for external printer and central monitoring

Standard:



Adult Finger

Optional:



Pediatric Finger



Adult Soft-Finger



Pediatric Soft-Finger



Adult/Neonatal Wrap



Neonatal Y-Type

Optional:

Technical Specification

SpO2 Accuracy

No Motion:

Adults, Pediatrics: 70~100% $\pm 2\%$
0~69% unspecified
Neonates: 70~100% $\pm 3\%$
0~69% unspecified

With Motion:

Adults, Pediatrics: 70~100% $\pm 3\%$
0~69% unspecified
Neonates: 70~100% $\pm 4\%$
0~69% unspecified

Low Perfusion:

Adults, Pediatrics: 70~100% $\pm 3\%$
0~69% unspecified
Neonates: 70~100% $\pm 4\%$
0~69% unspecified

Pulse Rate Accuracy

No Motion:

Adults, Pediatrics, Neonates: $\pm 3\%$

With Motion:

Adults, Pediatrics, Neonates: $\pm 5\%$

Low Perfusion:

Adults, Pediatrics, Neonates: $\pm 5\%$

Non-Invasive Blood Pressure

Measurement type:

Adult, Pediatric, Neonatal

Measurement range:

Adult:

Systolic 40bpm~270mmHg
Diastolic 20bpm~200mmHg
Mean 30bpm~220mmHg

Pediatric:

Systolic 40bpm~180mmHg
Diastolic 15bpm~160mmHg
Mean 20bpm~170mmHg

Neonatal:

Systolic 30bpm~140mmHg
Diastolic 15bpm~100mmHg
Mean 20bpm~115mmHg

Accuracy: $\pm 3\text{mmHg}$ or 2%(choice max)

Resolution: 1mmHg

Protection: over pressure

Temperature

Measurement range: 25~45°C

Accuracy: $\pm 0.2^\circ\text{C}$

Performance Measurement Range

SpO2: 0~100%

Pulse Rate: 30bpm~250bpm

Alarm

Audible/Visual Alarms
Adjustable Alarm Limits

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

Battery Capacity: ≥ 24 hours

Environment

Operation Temperature: 5~40°C (41~104°F)

Humidity: 10~95%

Transport/Storage Temperature:

-20~+70°C (-4°F~158°F)

Humidity: 10~95%

Dimensions & Weight:

264mm(W) x 95mm(H) x 172mm(D)

[10.39in(W) x 3.74in(H) x 6.77in(D)]

Net Weight: 2.25kg/5lb

Compliance

EN60601-1/ GB9706.1

EN60601-1-2, EN60601-2-49

One adult finger SpO2 sensor is included with each unit