

# BW2A-V

Desktop Pulse Oximeter (SpO2/ 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 data playback
- ◆ 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

### 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:  $\geq 24$  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

