



BW1A

## ■ BW1/ BW1A *Handheld Pulse Oximeter*

- Digital technology
- Accurate measurement during low perfusion
- Anti-movement table performance
- Power-saved function
- Bright, easy-to-read LED numerals
- Lightweight and portable
- Alarm Function ( on Model BW1A )

### ● SpO2:

**Measurement range:** 0 ~ 100%

**Accuracy:** ± 2% during 70% ~ 100%  
± 3% during 0% ~ 69%

### ● Pulse Rate

**Measurement range:** 30 - 250 BPM

**Accuracy:** ± 1 BPM or 2%, the bigger one adopted

### ● Visual Displays and Indicators:

**SpO2% Display:** Red LED, variable brightness

**Pulse Rate Display:**

Green LED, Variable brightness

**Pulse intensity:** Red LED 8 Bars

**Power indicator light:** Green: Normal

**Low power voltage:** Red and Blink

**Low perfusion indicator:** Red Bar

### ● Alarm: Audio

**Probe off audio indicator (Every 30 seconds)**

**Pulse audio indicator**

**Key-pressing indicator**

**Low power voltage**

### ● Environmental Specifications:

**Temperature range:** Operation: 0 ~ +50°C

Transport/Storage: -40 ~ +70°C

**Relative humidity:** Operating: 10 ~ 95%

(noncondensing) Transport/Storage: 0 ~ 95%

**Vibration:** Meets or exceeds ASTM 4728,  
(Method C)MIL-STD-810E,  
(Method 514.4, Section 1.3.4.3)IEC  
68-2-37

**Drop/Shock:** Meets or exceeds IEC 68-2-32  
(Procedure 1)MIL-STD-810E,  
(Method 516.4,Section 1-3.6,  
Procedure IV)

### ● Power Requirements

**Four standard "AA" size alkaline batteries.**

### ● Battery Life:

**17 Hours**

### ● Keys:

**Pellicle Keys**

### ● Safety Standards:

GB9706.1 EN 60601-1 (IEC-601-1)

UL 2601-1 and CAN/CSA 601.1

### ● Dimensions:

130mm (L) × 69mm(W) × 22mm(H)

**Weight (with batteries/without batteries)**

195g/100g

### ● Regulatory Compliance:

**Quality System:** ISO 9001 ISO 13485

**Product Approval:** CE Mark



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