

# BW3F

## Multi-parameter Patient Monitor

6.4"



### Standard:



Adult Finger

### Optional:



Pediatric Finger



Adult Soft-Finger



Pediatric Soft-Finger



Adult/Neonatal Wrap



Neonatal Y-Type

## Product Features

- ◆ Standard Configuration: ECG, NIBP, TEMP, SpO2, Respiration
- ◆ 6.4" high brightness color TFT LCD display
- ◆ Clear Bright and large character Display
- ◆ 1-8 Channel waveform display
- ◆ 7 Channel ECG waveform display; ST segment Analysis
- ◆ Pace pulse detection; defibrillation and ESU protection
- ◆ Anti-movement and low perfusion SpO2 measurement
- ◆ OxyCRG diagram and Drug dose calculation
- ◆ Venous punch
- ◆ Flexible parameter configuration
- ◆ Built-in high energy Li-ion battery for short-term transport and temporary power-down
- ◆ Ethernet interface(wire or wireless connection networks)
- ◆ 72-hour tabular and graphic trends and data storage
- ◆ Dynamic waveform catch and replay
- ◆ Choice of different modulation functions
- ◆ Compliant with most international safety standards
- ◆ Dynamic monitoring of blood pressure
- ◆ Intelligent audio and visual alarm
- ◆ Application: adult, pediatric and neonate
- ◆ Optional Parts:
  - 2-channel IBP
  - CO2( Mainstream )
  - AMG(O2, CO2,N2O, Hal, Enf,Iso, Sev, Des)

## Technical Specification

### ECG

ECG Cable: 5 Leadwires ECG cable  
Lead section: lead I, II, III/aVR, aVL, aVF/ V  
Gain (mm/mV) : 1/4, 1/2, 1, 2, 4  
Frequency response:  
Diagnosis: 0.05 - 100Hz  
Monitor: 0.5~40 Hz  
Surgery:1.0~25 Hz  
Sweep speed (mm/sec):6.25,12.5, 25, 50  
Heart rate range: 0-350 BPM  
Heart rate accuracy :  $\pm 1\%$   
ST segment deviation analysis: -0.8~+0.8mV  
ST accuracy :  $\pm 0.02\text{mv}$

### Non-Invasive Blood Pressure (NIBP)

Measurement type : adult, pediatric, neonatal  
Measurement range:  
Systolic 4.0 - 270mmHg  
Diastolic 20 - 200mmHg  
Mean 30 - 220mmHg  
Accuracy :  $\pm 3\text{mmHg}$  or  $2\%$ (choice max)  
Resolution:1mmHg  
Protection: over pressure

### Pules Oximetry

SPO2 measurement range: 0 - 100 %  
Accuracy:  $\pm 2\%$  at 70~100%  
(no specification under 70%)  
Resolution: 1 %  
pulse measurement range:30- 250BPM  
Accuracy:  $\pm 2\%$  or 1BPM (choice max)  
Resolution: 1 BPM

### Respiration Rate

Measurement range: 0 - 120 BPM  
Accuracy: $\pm 1\text{BPM}$  or  $5\%$ (choice max)  
Resolution:1 BPM

### Temperature

Channel number: 2  
Measurement range: 25~45 °C  
Accuracy:  $\pm 0.1\text{ °C}$   
Resolution: 0.1 °C  
response time:  $\leq 3\text{ min}$

### CO2 (Optional Part)

Measurement range: 0 % - 10.0 % (in CO2 and et CO2)  
Accuracy:  $\pm 2\text{ mm Hg}$  ( $< 5\%$  Measurement value)  
 $\pm 10\%$  ( $> 5\%$  Measurement value)  
Response time: 180 ms

### Invasive Blood Pressure (IBP)( Optional Part)

Channel number: 2  
range: -40 - +330mmHg  
Accuracy:  $\pm 4\text{mmHg}$  or  $\pm 4\%$ (choice max)  
Resolution: 1mmHg

### Environment

	Operation	Storage
Temperature:	5~40 °C	-20~70 °C
Relative humidity:	$\leq 80\%$	$\leq 95\%$

### Power Requirements

Input: 98-260 V AC, 50/60Hz  
Consumption:  $\leq 80\text{VA}$