

BW3A

Multi-parameter Patient Monitor

10.4"



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
- ◆ 10.4" 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:
 - Built-in thermal printer
 - 2-channel IBP
 - CO2(Mainstream or Sidestream)
 - 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,neonatal, pediatric,
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: ± 1 BPM or 5 % (choice max)
Resolution:1 BPM

Temperature

Channel number: 2
Measurement range: 25~45 °C
Accuracy: ± 0.1 °C
Resolution: 0.1 °C
response time: ≤ 3 min

CO2 (Optional Part)

Measurement range: 0 % - 10.0 % (in CO2 and et CO2)
Accuracy: ± 2 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: $\leq 80\text{VA}$