

BW3C

Multi-parameter Patient Monitor

www.szbondway.com



ISO9001:13485

15-inch Patient Monitor

Standard 5 para: ECG, NIBP, SpO2, TEMP, RESP, HR

Optional Para: EtCO2, 2/4-IBP, Suntech NIBP, Nellcor AG module, BIS, Cardio Output, Printer

BONDWAY
since 2006

Shenzhen Bondway Electronics Co. Ltd

BW3C Patient monitor



Feature:

- 15" color TFT display, high resolution 1024×768 dpi;
- Separated para board: ECG, NIBP, SpO2 board;
- Full touch-screen enables intuitive operation by clicking one the specific parameters or the waveform in real time, standard configuration includes the navigation knob.
- Real time S-T segment analysis, and ARR analysis;
- SpO2 Pitch Tone Variation and Drug Dose Calculation;
- Multi-display: Standard, Large font, Trend Coaxis, OxyCRG dynamic
- Standby mode for Energy saving and suspend monitoring;
- 7-lead ECG waveforms display in phase;
- Capture dynamic waveforms;
- Built-in rechargeable lithium battery, and battery volume checking.
- Efficient resistance to interference of defibrillator and HF knife;
- SINNOR F-6 SpO2 workable for neonate;
- TCP/IP networking platform enable abundant future upgrade
- Complete and flexible mounting solution for transportation and in-patient monitoring

Standard paras: 5-lead ECG, SpO2(F-5), NIBP,RESP, TEMP, PR

Optional parts: Touch Screen, Thermal Recorder, 3/12- lead ECG, 2/4-IBP,EtCO2, SpO2(F-6) , Multi-gas, Cardiac Output.



ECG cable



SpO2 Sensor



NIBP Cuff



TEMP Sensor



Wall Mount



Trolley

BW3C 15-inch Patient Monitor

Standard Parameters

ECG:

Lead mode: 3/5-lead(R,L,F,N,C)
Lead selection: I,II,III,avR,avL,avF,V
Waveform: 3 and 7channel selectable
Gain selection: 0.5mm/mv,1mm/mv,2mm/mv
Sweep speed: 12.5mm/s;25mm/s;50mm/s
Heart rate range: Adult: 15~300bpm;
Neonate;/pediatric:15~350bpm
Accuracy: +1bpm or +1%,whichever is greater
Resolution: 1bpm
Filter: surgery mode:1~20Hz
monitor model: 0.5~40Hz
Diagnostic mode: 0.05~130Hz
Scaling signal: 1mv,+3%
Protection: withstand 4000VAC/50 voltage
isolation against electrosurgical
interference and defibrillation
Alarm range: 15~350bpm
S-T segment detecton:
Measurement range: 2.0mV~+2.0mV
Alarm Range: -2.0mV~ +2.0mV
Accuracy: -0.8mV ~+0.8mV
Error: +0.02mV
Arrhythmia analysis: YES

SPO2:

Measurement range: 0~100%
Resolution: 1%
Accuracy: +2%(70-100%);0-69%
unspecified
Alarm range 0~100%
Pluse Rate: range:20~300bpm
Resolution:1bpm
Error:+1bpm or +2%,whichever is greater

NIBP:

Method: Digital Automatic oscillometric
Operation mode: Manual/Automatic/continuous
Auto measurement time: Adjustable(1~480min)
Measurement Unit: mmHg/Kpa selectable
Measurement types: Systolic, Diastolic, Mean
Measurement tange:
Range of Systolic pressure:
Adult: 40~270mmHg
Pediatric: 40~220mmHg
Neonate: 40~135mmHg
Range of mean pressure:
Adult: 20~235mmHg
Pediatric: 20~165mmHg
Neonate: 20~110mmHg
Range of diastolic pressure:
Adult: 10~215mmHg
Pediatric: 10~150mmHg
Neonate :10~100mmHg
Over-pressure protection: Double safety protection
Resolution: 1 mmHg
Alarm: Systolic,Diastolic,Mean

RESPIRATION

Method: Thoracic impedance
Measurement range: Adult:7~120rpm;
Neonate/Pediatric:7~150rpm
Apnea alarm: YES,10~40s
Resolution: 1rpm
Accuracy: +2rpm

TEMP

Compatible probe: YSI or CYF
Measurement range: 5~50°C
Resolution: 0.1°C
Accuracy: +0.1°C
Refreshing time: about 1
Average measuring time: <10s

Optional Parts

RECORDER:

Recorder: Built-in, thermal array
Plethysmogram caveform:2 channels
Record mode: manual, on alarm, time-defined
Recording width: 50mm
Printing speed: 50mm/s
Recording type: Frozen waveform record
NIBP recall record
Trend table record
Alarm record
Fixed -time record

IBP (invasive blood pressure)

IBP Waveform: 2-Channel
Max 8 channels
Measurement Range: -50~+350mmHg
Resolution: 1mmHg
Unit: mmHg, kPa
Accuracy:
Dynamc: ±4mmHg or 4%, whichever is greater
Sensitivity of transducer: 5 uV/V/mmHg, ±2%
Impedance of transducer:300~3000 Ohm
Transducer sites: Arterial Pressure(ART)
Pulmonary Artery Pressure(PA)
Left Atrium Pressure(LAP)
Right Atrium Pressure(RAP)
Central Venous Pressure(CVP)
Intracranial PRESSURE(ICP)
P1/P2
Selection of measurement range:
ART: 0 ~+ 350mmHg
PA: -10 ~+ 120mmHg
CVP/RAP/LAP/ICP:-10 ~+ 40mmHg
P1/P2: -50 ~+ 360mmHg

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