



Monitor Series
TB1002

MODULAR

Bedside Monitor



MODULAR PATIENT MONITOR

Series : TB1002



Technical Specifications

ECG		SpO ₂	
Input	3-Lead or 5-Lead selectable 3 Lead cable: RA;LA;LL or R;L;F 5 Lead cable: RA;LA;RL;LL;V or R;L;N;F;C	Measurement range	0%~100%
Lead selection	3-lead: I,II,III 5 Lead: I, II, III, AVR, AVL, AVF, V	Resolution	1%
ECG Waveform	2 channel	Accuracy	±2%(70%-100%); unspecified(0-69%)
Gain selection	×0.25, ×0.5, ×1, ×2, ×4, Auto	Alarm range	0~100%
Sweep speed	12.5mm/s, 25mm/s, 50mm/s	Pulse Rate Range	20~254bpm
Heart Rate	for Neonate 15-350BPM	Resolution	1bpm
Heart Rate	for Adult/Pediatric 15-300BPM	Accuracy	±3bpm
Accuracy	1bpm or 1%, whichever is greater	Alarm range	0~254bpm
Resolution	1bpm	Temperature	
Filter Diagnostic mode	0.05-100Hz	Measurement range	0~50°C
Monitor mode	0.5-40Hz	Resolution	0.1°C
Surgical mode	1.0-25Hz	Accuracy	±0.1°C
Protection	Withstand 4000VAC/50Hz Voltage in isolation Against electrosurgical interference and defibrillation	Channel	T1, T2, TD
Alarm range	Neonate: 15-350BPM Adult/Pediatric: 15-300BPM	Classification	
ST segment detection	Measurement range: -2.0mv to 2.0mv	Safety Standard	IEC60601-approved
Alarm range	-2.0mv to 2.0mv	General Specifications	
Arrhythmia analysis	Yes	Display	8.4" Color TFT LCD with LED background light 5-Wire touch panel is configurable Multi displays selectable, including Standard display, Trend coexist display, Large-font display, OxyCRG dynamic view display, Night mode
Alarm	audible and visual alarm, alarm event recallable	Dimension	227(W)×207(H)×121(D)mm
Pace detection	Yes	Weight	2.8kg
Drug dose calculation	Yes	Power Requirement	AC100-240V, 50/60Hz, 140VA, 1.4A-0.59A
Standby mode	Yes	Temperature	0°C~40°C
Respiration		Humidity	15%~80% (non-condensing)
Method	Thoracic impedance	Patient range	Neonate, pediatric and adult patient
Measurement range	Neonate/Pediatric: 0~150RPM Adult: 0-120 RPM	waveform	2 channel (standard) Sweep speed:12.5mm/s,25mm/s,50mm/s
Apnea alarm	No alarm,10s,15s,20s, 25s,30s,35s, 40s selectable	Indicator	Alarm indicator light, Power indicator light Battery indicator light, QRS beep and alarm sound
Alarm	Audible and visual alarm, alarm events recallable	Li-ion Battery	Rechargeable, More than 5 hours for continuous working
NIBP		Alarm and Indicator	User-adjustable High, Medium, and Low limits 3-level audible and visual alarm Alarm indicator light Power indicator light Battery indicator light QRS beep and alarm sound Pulse rate modulation sound
Method	Oscillometric	Networking	Connected to central station system
Measurement modes	Manual/Automatic/Continuous	Recorder	Thermal printer, Real time recording
Displayed parameters	Systolic, diastolic and MAP (mean arterial pressure)		
Auto measure time	Adjustable		
Measurement unit	mmHg/kPa selectable		
Measurement type	Systolic, Diastolic, Mean		
Range of Systolic pressure	Adult: 40-270mmHg Pediatric: 40-200mmHg Neonate: 40-135mmHg		
Range of Diastolic pressure	Adult: 10-210mmHg Pediatric: 10-150mmHg Neonate: 10-100mmHg		
Range of Mean pressure	Adult: 20-230mmHg Pediatric: 20-165mmH Neonate: 20-110mmHg		
Accuracy	±5mmHg		
Resolution	1mmHg		
Alarm	Systolic, Diastolic, Mean		
Over-pressure protection	Double safety protection		

Standard configuration: ECG/RESP,SPO₂,NIBP,PR/HR
Optional Function: Built-in recorder