

TB
TRUTH BIOMEDICAL

Monitor Series

TB1006

PATIENT MONITOR

Ward Monitor



PATIENT MONITOR

Feature Series : TB1006

- 12.1 inch high resolution LCD display
- 35 million clicking times long life touch screen with Accutouch technology
- Maximum 168 hours graphic and tabular trends of all parameters
- Adjustable respiration lead helps to get accurate RESP reading for different patients
- 120mm slim design which is modern and saving space
- 112mm removable wide range printer can output 7 waveforms simultaneously



Technical Specifications

Standard Configuration: ECG, SpO₂, NIBP, TEMP, PR/HR, RESP
Optional Functions: ETCO₂, 2IBP, Recorder

ECG		Pulse rate	
Lead type	3-Lead or 5-Lead selectable	Range	20bpm ~ 254bpm
Input	3 leadwire cable: RA; LA; LL or R; L; F 5 leadwire cable: RA; LA; RL; LL; V or R; L; N; F; C	Resolution	1bpm
Lead selection	3-lead: I, II, III 5 lead: I, II, III, V, AVR, AVL, AVF	Accuracy	±3bpm
ECG Waveform	2 channel	TEMP	
Gain	×0.25, ×0.5, ×1, ×2, ×4, Auto	Measurement range	0~50°C
Sweep speed	12.5mm/s, 25mm/s, 50mm/s	Resolution	0.1°C
Bandwidth	Diagnostic mode: 0.05-100Hz Monitor mode: 0.5-40Hz Surgical mode: 1.0-25Hz	Accuracy	±0.1°C
Defib. Protection	Withstand 5000VAC/50Hz Voltage in isolation Against electrosurgical interference and defibrillation	Channel	T1, T2, TD
ST segment detection	Measurement range: -2.0mv to 2.0mv Alarm range: -2.0mv to 2.0mv	IBP	
Arrhythmia analysis	Yes	Channels	1 or 2 selectable
Pace detection	Yes	Measurement range	-50~400mmHg
Drug dose calculation	Yes	Resolution	1mmHg
Standby mode	Yes	Accuracy	1mmHg or 2%, whichever is greater
Heart Rate		Pressure names	ART, PA, CVP, RAP, LAP, ICP
Range	Neonate: 15~350rpm Adult/Pediatric: 15~300rpm	Alarm range	-50~400mmHg
Accuracy	1bpm or 1%, whichever is greater	Pressure transducer Sensitivity	5µV/mmHg
Resolution	1bpm	Impedance range	300-3000Ω
Alarm range	Neonate: 15~350rpm Adult/Pediatric: 15~300rpm	ETCO₂	
Respiration		Measurement range	0-99mmHg
Method	Thoracic impedance	Accuracy	0 to 40mmHg ±2mmHg 41 to 76mmHg ±5mmHg 77 to 99mmHg ±10mmHg
Measurement range	Neonate/Pediatric: 0-150rpm Adult: 0-150rpm	Sample flow rate	Minimum: 50ml/m-7.5ml/m Maximum: 50ml/m+15ml/m
Apnea alarm	Yes, no alarm, 10s, 15s, 20s, 25s, 30s, 35s, 40s selectable	Start-up time	<1min, once the module starts up, it reaches ISO After 1 min, enter the full accuracy mode
Resolution	1rpm	Respiration rate	0 to 120rpm
Sweep speed	6.25mm/s, 12.5mm/s, 25mm/s	Respiration rate accuracy	±2 rpm
NIBP		Response time	<240msec (10% to 90%)
Method	Oscillometric	Classification	
Operation modes	Manual, Auto, STAT	Safety Standard	IEC60601-approved, CE marking to MDD93/42/EEC
Parameters	Systolic, Diastolic, Mean	General Specifications	
Range of Systolic pressure	Adult: 40-270mmHg Pediatric: 40-200mmHg Neonate: 40-135mmHg	Dimension	304(W)×279(H)×137(D)mm
Range of Diastolic pressure	Adult: 10-210mmHg Pediatric: 10-150mmHg Neonate: 10-100mmHg	Gross Weight	4.3Kg
Range of Mean pressure	Adult: 20-230mmHg Pediatric: 20-165mmHg Neonate: 20-110mmHg	Power Requirement	Input AC 100-240V 50/60Hz 1.4A-0.59A
Accuracy	±6mmHg(±0.80kpa)	Temperature	0°C ~ 40°C
Resolution	1mmHg	Humidity	15% ~ 80% (non-condensing)
Over-pressure protection	Double safety protection	Patient range	Neonate, pediatric and adult patient
SpO₂		Display	12.1" Color TFT LCD Rolling and refreshing waveform display Resolution: 800*600 Multi displays selectable, including: Standard display, OxyCRG display, Large-font display, Dynamic Trend display, Other Bed View display(optional)
Measurement range	0%~100%	External display	1 display through VGA
Resolution	1%	Trace	7 traces
Accuracy	±2%(70%-100%); unspecified(0-69%)	Indicator	Sweep speed: 12.5mm/s, 25mm/s, 50mm/s Alarm indicator light, Power indicator light, Battery indicator light
Alarm range	0%~100%	Interface	Parameter cable interface, AC Power input socket, Network interface, External VGA interface, USB interface
		Li-ion Battery	Rechargeable(For 1 piece), At least 4 hours for continuous working