



E15

Multi-parameter Patient Monitor

Monitor ECG, SpO2, NIBP, RESP, TEMP, PR and HR.

Can be upgraded to separate modules
Unique appearance design



TECHNICAL SPECIFICATIONS	
Quality Standards and Classification	<p>CE, ISO13485 SFDA: Class II B Anti-electroshock degree: Class I equipment (internal power supply) TEMP/SpO2 / NIBP: BF ECG/Resp: CF</p>
Application Range	<p>Adult/Pediatric/Neonatal/Medicine/Surgery/ Operating Room/ICU/CCU</p>
Display	<p>15" real color TFT screen Resolution: 1024x768 One alarm indicator(yellow/red) One working indicator(green) One battery charge state indicator(green) Three modes in accordance with the alarm state</p>
Environment	<p>Operating environment : Temperature: 0 ~ 40 °C Humidity: ≤85% Altitude: -500 ~ 4600m Transport and Storage environment : Temperature: -20 ~ 60 °C Humidity: ≤93% Altitude: -500 ~ 13100m</p>
Power Requirements	<p>AC: 100 ~ 240V, 50Hz/60Hz DC: Built-in rechargeable battery Battery: 2000mA 11.1V lithium battery 2h operating after full charge(one piece) 5min operating after low battery alarm</p>
Dimension and Weight	<p>Equipment: 360mm x162mm x321 mm ; 4.5kgs Package: 420mm x380mm x285mm; 7.5kgs</p>
Date Storage	<p>Trend diagram/table: 7x24h NIBP review: 400 events Wave review: 100min Alarm review: 100 alarm events Support drug concentration titration analysis Trend for SpO2,Pr, Resp, Temp 96hrs</p>
ST Segment	<p>ST Segment Range: -2.0mV ~ +2.0mV Accuracy: 0.02mV</p>
ECG	<p>5 Leads: RA, LA, LL, RL, V Lead mode: I, II, III, aVR, aVL, aVF, V Increase: ×250, ×500, ×1000, ×2000 Sensitivity: > 200 uV (Peak-to-peak value) Input impedance: > 5 (megohm) Bandwidth: Surgery 1 ~ 20 Hz Monitor 0.5 ~ 40 Hz Diagnostic 0.05 ~ 130 Hz CMRR: ≥ 100dB Polarization Voltage: ± 300mV Baseline Recovering Time: After defibrillation< 3 seconds Signal Range: 8 mV (Peak-to-peak value) Calibrating Signal: 1mV, precision ±5% Heart rate range: 15-380bpm Heart rate accuracy:±/-1%</p>
RESP	<p>Method: RA-LL impedance Resp Impedance range: 0.3 ~ 3 Ω Base Impedance range: 200 Ω ~ 4000 Ω Bandwidth: 0.1 ~ 2.5Hz Resp rate: Adult 0 ~ 120BrPM Neonatal/Pediatric 0 ~ 150BrPM Resolution: 1BrPM Precision: ±2 BrPM Asphyxia Alarm: 10~40 seconds</p>
NIBP	<p>Method: Pulse wave oscillometry Work mode: Manual/ Auto/ STAT Measure interval of auto mode: 1,2,3,4,5,10,15,30,60,90,120,180,240,480 minute(s) Measuring Time of STAT Mode: 5 minutes PR range: 30 ~ 250bpm Measure & alarm range: Adult SYS 40 ~ 270mmHg DIA 10 ~ 215mmHg MEAN 20 ~ 235mmHg Pediatric SYS 40 ~ 200mmHg DIA 10 ~ 150mmHg MEAN 20 ~ 165mmHg Neonatal SYS 40 ~ 135mmHg DIA 10 ~ 100mmHg MEAN 20 ~ 110mmHg Static pressure range: 0 ~ 300mmHg Precision: ± 3mmHg Pressure precision: Max. average error: ±5mmHg Max. standard deviation: ±8mmHg Overvoltage protection: Adult 300mmHg Pediatric 240mmHg Neonatal 150mmHg</p>
TEMP	<p>Channel 2 Measure & alarm range: 0 ~ 50 °C Resolution: 0.1 °C Precision (no sensor): ±0.1 °C</p>
Standard accessories	<ul style="list-style-type: none"> • NIBP cuff & tube • ECG cable & electrodes • SpO2 sensor • TEMP probe • Lithium-ion battery • Power cable • Operator's manual
Optional accessories	<ul style="list-style-type: none"> • CO2 module • IBP module • Touch screen • Trolley bracket • Hanging bracket • Monitor recorder • Wifi • Operation time 4 hours
IBP	<p>Label ART, PA, CVP, RAP, LAP, ICP, P1, P2 Measuring and alarm range ART 0 ~ 300 mmHg PA -6 ~ 120 mmHg CVP/RAP/LAP/ICP -10 ~ 40 mmHg P1/P2 -10 ~ 300 mmHg Press Sensor Sensitivity 5 uV/mmHg Impedance 300-3000Ω Resolution: 1 mmHg Accuracy: ±2% or ±1mmHg, which great Actualization interval: about 1 Sec.</p>
CO2	<p>Side/Main stream Warm-up time: when the ambient temperature is 25 °C, the carbon dioxide curve (capnogram) can be displayed within 20/15 seconds, and all the specifications can be fulfilled within 2 minutes. Measurement range: 0-150mmHg, 0-19.7%,0-20kPa (at 760mmHg), atmospheric pressure provided by the host. Resolution 0.1mmHg : 0-69mmHg 0.25mmHg: 70-150mmHg Precision 0-40mmHg: ±2mmHg 41-70mmHg: ±5% (reading) 71-100mmHg: ±8% (reading) 101-150mmHg: ±10% (reading) Respiratory rate range 0- 150 BPM Respiratory rate accuracy: ±1 BPM</p>

NOTE: The specifications are subject to changes without prior notice.

E 15 Plug-in Patient Monitor

Flexible Modular Design and Comprehensive Monitoring

E15

15" TFT LCD, Resolution: 768"1024 Module

For all E series modular monitor:

Standard Config: 3/5 lead ECG, RESP, SpO2, PR, NIBP, 2-Temp, Lithium Battery

Option Module: 2-IBP, Nellcor SpO2, Maslimo SpO2, Sidestream/Microflow/Mainstream EtCo2, Mainstream/Sidestream C.O.

Other option : Recorder, Touch Screen, Trolley



Microstream/Mainstream EtCO2
Sidestream EtCO2

Sidestream/Microstream/Mainstream EtCO2 is optional. Various options can be suitable for intubated patient, ventilation-relied patient, non-intubated patient.



2-IBP

2-IBP measurement with waveform, Systolic, Diastolic, Mean Pressure on ART, CVP, ICP, PA, LAP etc to fulfill different positions invasive blood pressure measuring demands.

New streamlined appearance design possesses modernized style and beautiful shape

High resolution color LCD touch screen & user-friendly display interface meet clinical requirements to operate and observe



360 degree visible three-level alarm for physiology & technology

Brand new user operation software, unlimited upgrade functions, perfect user experience



E Series achieve long time monitoring, inside board also can change to separate board: ECG Board, SpO2 board, NIBP Board to achieve high accuracy



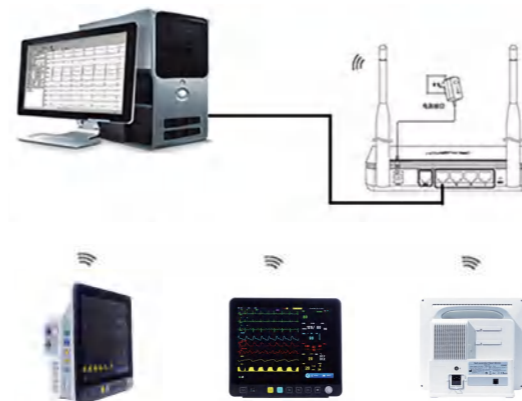
Low power consumption & fanless design can achieve high requirements of dust-off & without noise & pollution-free in clinical departments.



Optimized circuit design, reduce energy consumption, Battery run time increase 25%

Central Monitor System

Router



WIFI with smart IT solutions

- Wireless integration with Central Monitoring Station
- Dynamic trends provide up to 240 hours of useful information for review
- 8 traces per monitor and 16 monitors on one screen
- View up to 32 maximum beds on one platform in real-time
- Review and manage patient data anytime and anywhere in and pre-hospital