

E12,E15

Plug-in Type Patient Monitor

Independent Moddule,Stable Performance

TECHNICAL SPECIFICATIONS		
Quality Standards and Classification CE, ISO13485 SFDA: Class IIb Anti-electroshock degree: Class I equipment (internal power supply) TEMP/SpO 2 /NIBP: BF ECG/Resp: CF	ECG 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%	TEMP Channel 2 Measure & alarm range: 0 ~ 50 ℃ Resolution: 0.1 ℃ Precision (no sensor): ±0.1 ℃
Application Range Adult/Pediatric/Neonatal/Medicine/Surgery/ Operating Room/ICU/CCU		Standard accessories NIBP cuff & tube ECG cable & electrodes ● SpO2 sensor ● TEMP probe ● Lithium-ion battery ● Power cable ● Operator's manual ●
Display 12.1",15"real color TFT optional touch screen	RESP 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	Optional accessories CO2 module ● IBP module ● Trolley bracket ● Hanging bracket ● Monitor recorder ● Touch screen
Environment Operating environment : Temperature: 0 ~ 40 ℃ Humidity: ≤85% Altitude: -500 ~ 4600m Transport and Storage environment : Temperature: -20 ~ 60 ℃ Humidity: ≤93% Altitude: -500 ~ 13100m	NIBP 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: 40 ~ 240bpm 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	IBP 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/V/mmHg Impedance 300-3000Ω Resolution 1 mmHg Accuracy ±2% or ±1mmHg, which great Actualization interval: about 1 Sec.
Power Requirements AC: 100 ~ 240V, 50Hz/60Hz DC: Built-in rechargeable battery Battery: 4000mA 11.1V lithium battery 2h operating after full charge(one piece) 5min operating after low battery alarm		CO2 Side/Main/micro stream Measurement Infrared radiation absorption technique measurement range 0 ~ 99mmHg Precision 0 ~ 40mmHg ±2mmHg 41 ~76mmHg ±5mmHg 77~99mmHg ±10mmHg Resolution 1mmHg Pumping rate 70ml/min, 100ml/min Accuracy 15% or 15ml/min big AwRR measuring range 0 ~120BrPM Precision 0 ~70BrPM: ±2BrPM >70BrPM: ±5BrPM
Dimension and Weight Equipment: E12: 303 mm × 160 mm ×287 mm; 3.78 kg E15: 360 mm × 162 mm ×321 mm; 4.47 kg Package: E12: 380 mm ×350 mm × 300 mm; 6.1 kg E15: 420 mm ×380 mm × 321 mm; 7.3 kg		
Date Storage Trend diagram/table: 7x24h NIBP review: 400 events Wave review: 100min Alarm review: 100 alarm events Support drug concentration titration analysis	SpO2 Range: 0 ~ 100% Resolution: 1% Precision: 70% ~ 100%: ±2 DIGIT 0% ~ 69%: ±no definition given	
ST Segment ST Segment Range: -2.0mV ~ +2.0mV Accuracy: 0.02mV	Pulse Rate Range: 20 ~ 300bpm Resolution: 1bpm Precision: ±3bpm	

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

HEALTH

E15





E12





E Series Plug-in
Type Patient Monitor



Flexible Modular Design and Comprehensive Monitoring

E15

15"TFT LCD,Resolution:768"1024 Module

E12

12.1"TFT LCD.Resolution:800*600 Module

For all E series modular monitor:

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

Option Module:2-IBP, Nellcor Spo2, Maslimo Spo2, Sidestream/Microflow/Mainstream EtCo2, Mainstream /Sidestream C.O.

Other option:9 lead ECG, Printer, Rolling stand, Wall mount, VGA, WIFI, SD Memory card, Touch Screen



Microstream/Mainstream EtCO2
Sidestream EtCO2

Sidestream/Microstream/Mainstream EtCO2 is optional.Various option 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.

C.O.

Enables hemodynamic monitoring using thermo dilution method. Provides an important measurement of the blood flow and oxygen delivery to the tissues.

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



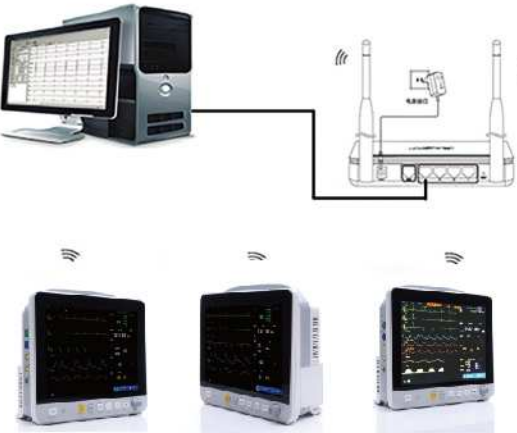
Low power consumption & fanless design can achieve high requirements of dust-off & without noise& pollution-free in clinical departments.



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 bed on one platform in real-time
- Review and manage patient data anytime and anywhere in and pre-hospita