



Periodmed

MULTIPARAMETER PATIENT MONITOR

E8

TECHNICAL SPECIFICATIONS

MULTIPARAMETER PATIENT MONITOR

Quality Standards and Classification

- CE, ISO13485
- SFDA: Class IIb
- Anti-electroshock degree:
Class I equipment
(internal power supply)
- SpO₂ / NIBP: BF

Application Range

- Adult/Pediatric/Neonatal (Nellcor SpO₂)/Medicine/
Surgery

Display

- 8" real color TFT screen
- Resolution: 800*600
- One alarm indicator
- One working indicator
- One battery charge state indicator

Environment

Operating environment:

- Temperature: 0~40 °C
- Humidity: 15%~80%
- Pressure: 86.0 kPa~ 106.0kPa

Transport and Storage environment

- Temperature: -20~55 °C
- 10%~90%
- Pressure: 86.0 kPa~106.0kPa

Power Requirements

- Power Requirements
- AC: 100~240V, 50Hz/60Hz
- DC: Built-in rechargeable battery
- Battery: 11.1V 24Wh Li-ion battery
- 2h operating after full charge
- 5min operating after low battery alarm

Dimension and Weight

- 164.2mm x 270.2mm x 128.7 mm 2.5kg(about)
- Package: 360*250*290mm 4kg(about)

Date Storage

- Trend diagram/table: 720h
- NIBP review: 1000group
- Wave review 12h
- Alarm review 200 alarm events

SpO₂

- Measurement range: 0~100% Resolution
- Accuracy: 70%~100% ±2% 40%~69% ±3%

Temp

- Channel 2
- Measure & alarm range: 0 ~ 50 °C
- Resolution: 0.1 °C Accuracy (no sensor) 0.1 °C (0~50 °C)

Pulse Rate

- Measure/alarm range: 20~ 300bpm
- Resolution: 1bpm
- Accuracy: ±3bpm

NIBP

- Method Oscillometry
- Measure mode: Manual Auto, STAT
- Measure interval in auto mode
1-5/10/15/30/60/90/120/180/240/480m
- Measure period in STAT mode: 5min
- Pulse rate range: 40~ 240bpm
- Measure & alarm range:

Adult	SYS 40~280mmHg DIA 10~220mmHg MEAN 20~240mmHg
Pediatric	SYS 40~220mmHg DIA 10~160mmHg MEAN 20~ 170mmHg
Neonatal	SYS 40~135mmHg DIA 10~ 100mmHg MEAN 20~110mmHg

Static pressure measurement

- Range: 0 ~300mmHg
- Accuracy: ±3mmHg
- Resolution: 1mmHg Accuracy
- Max Mean Error: ± 5mmHg
- Max Standard Deviation: 8mmHg

Overpressure protection

- Adult 300mmHg
- Pediatric 240mmHg
- Neonatal 150mmHg

Standard accessories

- NIBP cuff&tube
- SpO₂ sensor
- Temp sensor(optional)
- Lithium-ion battery
- Power cable
- Operators manual

Optional

- Nellcor spo₂
- Suntech NIBP

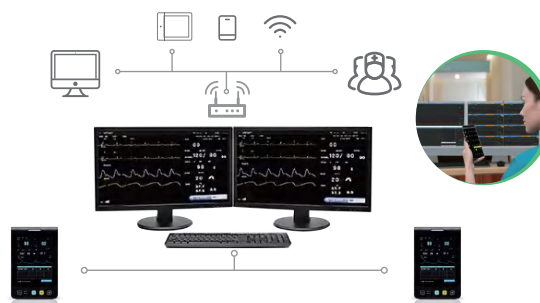
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MULTIPARAMETER PATIENT MONITOR



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



Standard Accessories



- ✓ NIBP cuff&tube
- ✓ SpO2 sensor
- ✓ Temp sensor(optional)
- ✓ Lithium-ion battery
- ✓ Power cable
- ✓ Operators manual



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