



Periodmed

MULTI-PARAMETER PATIENT MONITOR

E10

TECHNICAL SPECIFICATIONS

Multi-parameter patient monitor

Quality Standards and Classification

- Anti-electroshock degree:
- Class I equipment
(internal power supply)
- Protection degree of fluid intake: IPX1

Application Range

- It is suitable for adult children and newborn patients. It can be used during the operation, post-anaesthetic recovery after the operation and so on.

Display

- 7-inch color LCD display

Environment

working environment conditions

- Ambient temperature range: +5°C ~ 40 °C;
- Relative humidity range: 15% ~ 80%,
no condensation
- Atmospheric pressure range: 60 ~ 107kPa;

Shipping and storage conditions

- Ambient temperature: -20°C ~ +55°C
- Atmospheric pressure: 16kPa ~ 107kPa
- Humidity range: 10% ~ 95%

Electrical Specifications

- Input: AC 100~240V AC,
- Power frequency: 50/60Hz,
- Maximum input power: 70VA
- Fuse specification: 2AL 16V
- Working method: continuous work
- Internal lithium battery: d.c 7.4V
Not less than 2000 mAh

Dimension and Weight

- Product Size 246.5*146.4*50.7mm
- Product weight 950g

ECG

- Gain: X0.25, X0.5, X1, X2, Auto
- Timebase selection:
12.5mm/s, 25mm/s, 50mm/s
- Sensitivity > 200uV (peak-to-peak)
- bandwidth:

- Diagnostic mode: 0.05~130Hz
- Monitoring mode: 0.5~40Hz
- Operation mode: 1~20Hz
- Common Mode Rejection Ratio:
- Diagnostic mode: >90dB
- Custody mode: >100dB
- Operation mode: >100dB

NIBP

- Adult systolic blood pressure: 40 ~ 270mmHg
- Diastolic blood pressure: 10 ~ 210mmHg
- Average pressure: 20 ~ 230mmHg
- Children systolic blood pressure: 40 ~ 200mmHg
- Diastolic blood pressure: 10 ~ 150mmHg
- Average pressure: 20 ~ 165mmHg
- Neonatal systolic blood pressure: 40 ~ 135mmHg
- Diastolic blood pressure: 10 ~ 95mmHg
- Average pressure: 20 ~ 110mmHg
- Static pressure range: 0 ~ 300mmHg
- Static pressure accuracy: 3mmHg
- Blood pressure accuracy:
• maximum average error 5mmHg;
• maximum standard deviation 8mmHg

Overvoltage Protection:

- Adult mode: 300 mmHg±10mmHg
- Child mode: 240mmHg±10mmHg
- Neonatal mode: 150mmHg±10mmHg

SpO2

- Measuring range 0 ~ 100%
Resolution 1%
- The accuracy is within the range of 70% to 100%, and the measurement error should be ±4%;
- In the range of 0% to 69%, the measurement error is undefined

Pulse Rate

- Measuring range 25 ~ 250bpm
- Resolution 1bpm
- Accuracy ±3bpm
- Refresh time 1s

Heart rate

- 15 to 300 bpm for adults (beat / min)
- Newborn / child 15-350 bpm (beat / min)
- Accuracy: ± 1% or ± 1 bpm, take the large on

Temperature

- Range 0 ~ 50°C
- Resolution 0.1°C
- Accuracy ±0.1°C (without probe error)

RESP

- Adjustment range for RESP alarm upper limit and lower limit:

	limit and lo
Max. upper limit	120
Min. lower limit	0
single time adjustment	1

Standard accessories

- ECG lead line
- Cuff
- SpO2 sensor
- TEMP probe
- Lithium-ion battery
- Power cable
- Operator's manual

Optional accessories

- Etco2 (optional)
- Wired Wifi (optional)

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