



The monitor is used to monitor, display, check, store, alarm and transmit many physiological parameters, including ECG (3/5/12 lead, arrhythmia analysis, ST segment analysis and HR), RESP, SpO₂, PR, NIBP, TEMP and IBP, etc. It is applicable for use by adult, children and neonate.

The monitor can be used in medical institutions or during transport monitoring inside/outside the hospital environment, it is used by clinical professionals or under their guidance or professionals via training, it is not suitable for use in family.

Function

- ◆ 5" touch screen, easy and convenient to operate, automatic lock screen function prevents misoperation.
- ◆ Portable design (weight < 1.0 kg), flexible to transport.
- ◆ Multi - interface selection, convenient to observe patient 's data trend.
- ◆ Degree of protection provided by enclosure complies with IEC/EN 60529, waterproof degree: IP44
- ◆ Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection.
- ◆ Built-in large-capacity battery, meets the requirements of long-term operation.

Performance

ECG

- ◆ Lead type:
 - 3-lead: I, II, III(Option)
 - 5-lead: I, II, III, aVR, aVL, aVF, V(Standard)
 - 12-lead: I, II, III, aVR, aVL, aVF, V1,V2,V3,V4,V5,V6(Option)
- ◆ Waveform
 - 3-lead: 1 channel
 - 5-lead: 2-channel
 - 10-lead: 12-channel
- ◆ Gain: 2.5 mm/mV, 5.0 mm/mV, 10 mm/mV, 20 mm/mV
- ◆ Scan speed: 12.5 mm/s, 25 mm/s, 50 mm/s
- ◆ HR
 - Measurement and alarm range:
 - Adult: 15 ~ 300 bpm
 - Pediatric/neonate: 15 ~ 350 bpm
 - Resolution: 1 bpm
 - Accuracy: $\pm 1\%$ or ± 1 bpm, whichever is greater
 - Alarm error: ± 2 bpm
- ◆ ST-segment detection
 - Measurement and alarm range: - 2.0 mV ~ + 2.0 mV
 - Accuracy: - 0.8 mV ~ + 0.8 mV: ± 0.04 mV or $\pm 10\%$, whichever is greater
 - Other range: unspecified
- ◆ Arrhythmia analysis: 13 kinds
- ◆ Pacemaker: yes

RESP

- ◆ Measurement mode: R-F (RA-LL) impedance
- ◆ Respiration rate:
 - Measurement range: 0 ~ 150 rpm
 - Resolution: 1 rpm
 - Accuracy: 7 ~ 150 rpm, ± 2 rpm or $\pm 2\%$, whichever is greater; 0 ~ 6 rpm, unspecified
- ◆ Apnea alarm: 10 ~ 40 s
- ◆ Scan speed: 12.5 mm/s, 25 mm/s

NIBP

- ◆ Measurement mode: Oscillometry
- ◆ Working mode: Manual/AUTO/Continuous
- ◆ Measurement interval in AUTO mode: 1 / 2 / 3 / 4 / 5 / 10 / 15 / 30 / 60 / 90 / 120 / 240 / 480 / 960 minutes
- ◆ Measurement period in Continuous mode: 5 minutes
- ◆ Measurement and alarm range: 10 ~ 270 mmHg
- ◆ Resolution: 1 mmHg
- ◆ Cuff pressure accuracy: ± 3 mmHg
- ◆ Measurement accuracy:
 - Maximal mean deviation: ± 5 mmHg
 - Maximal standard deviation: 8 mmHg
- ◆ Over-pressure protection:
 - Adult mode: 297 ± 3 mmHg
 - Pediatric mode: 240 ± 3 mmHg
 - Neonatal mode: 147 ± 3 mmHg

SpO₂

- ◆ Measurement and alarm range: 0 ~ 100%
- ◆ Resolution: 1 %
- ◆ Measurement accuracy: 70 % ~ 100 %: $\pm 2\%$; 0 % ~ 69 %: unspecified

PR

- ◆ Measurement and alarm range: 25 ~ 250 bpm
- ◆ Accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater

TEMP

- ◆ Channel: single-channel(Standard)
dual-channel (Option)
- ◆ Measurement and alarm range: 0 ~ 50 °C
- ◆ Resolution: 0.1 °C
- ◆ Accuracy: ± 0.1 °C

IBP(Option)

- ◆ Channel: dual-channel
- ◆ Label: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- ◆ Measurement and alarm range: - 10 ~ 300 mmHg
- ◆ Resolution: 1 mmHg
- ◆ Accuracy: $\pm 2\%$ or 1 mmHg, whichever is greater

Power supply: 100-240 V ~ 50 / 60 Hz (adapter output: DC 12 V)

Safety class: class I, defibrillation-proof type CF applied part

Waterproof degree: IP44