

VITAL SIGN MONITOR

- Easy to carry -



OVERVIEW

This vital sign monitor has been designed to serve frontline caregivers in emergency, perioperative care and ICU/NICU departments. With its accurate oximetry adapted for adult as well as neonate, it provides a continuous and accurate monitoring of the SpO2 and PR even in case of low perfusion.

Its handle and lightweight make it easy for transport use while its 4 stable feet allow a reliable use as bedside monitor. It is a cost-effective and comprehensive device for multiple applications and environments.

FEATURES

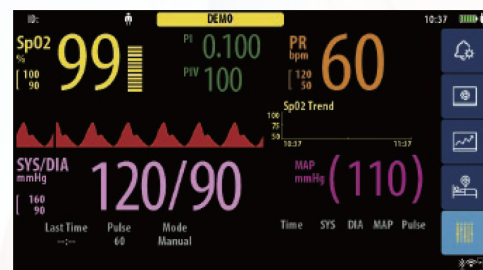
- Equipped with high-performance blood oxygen, blood pressure, end-respiratory carbon dioxide module technology
- Small and easy to use, easy to carry, ideal for surgery, emergency, physical examination, social health and other environments
- Equipped with a 5" TFT display and the display panel is inclined at 15°, which is convenient for doctors to view
- 72-hour data storage, uninterrupted recording trend data, with dual alarm function of sound and light, alarm parameters can be adjusted
- RS232 serial port data transmission function.
- With USB data interface, support U disk upgrade system function
- Equipped with a built-in rechargeable lithium battery to meet the needs of medical visits and emergency vehicles
- Support network transmission, can be connected to the central monitoring workstation



Connectivity Ability



Historical Management



Powerful Parameter Measurement

SPECIFICATIONS

SPO₂

- Range: 0~100%
- Accuracy: $\pm 2\%$ (70%~100%) Undefined (<70%)
- Resolution: 1%

PR

- Range: 25~250bpm
- Accuracy: $\pm 2\text{bpm}$ or $\pm 2\%$ (whichever is greater)
- Resolution: 1bpm

NIBP

- Method: Automatic oscillometric
- Operation modes: Manual, Automatic, Continuous
- Automatic mode measurement interval: 1min/2min/3min/4min/5min/10min/15min/30min/60min/90min/2h/3h
- Continuous mode measurement period: 5mins, with 5s between each measurement
- Maximum single measurement time: <120s
- Measurement range:
 - Systolic BP: Adult mode: 40 ~ 270 mmHg, Pediatric mode: 40 ~ 200 mmHg,
 - Diastolic BP: Adult mode: 10 ~ 210 mmHg, Pediatric mode: 10 ~ 162 mmHg,
 - MAP: Adult mode: 20 ~ 230 mmHg, Pediatric mode: 20 ~ 175 mmHg
- Accuracy: Mean error: $<\pm 5\text{mmHg}$, Standard deviation: $<8\text{mmHg}$
- Static pressure measurement range: 0 mmHg (0kPa) ~ 300mmHg (39.9kPa)
- Static pressure measurement accuracy: $\pm 2\text{mmHg}$ or $\pm 1\%$ of reading (Whichever is greater)
- Resolution: 1 mmHg
- Initial inflation pressure setting range: Adult mode: 80 ~ 280 mmHg, Pediatric mode: 80 ~ 210 mmHg
- Initial inflation pressure default: Adult mode: 160 mmHg, Pediatric mode: 140 mmHg
- Software over-pressure protection: Adult mode: $297 \pm 3\text{mmHg}$, Pediatric mode: $240 \pm 3\text{mmHg}$
- Alarm range:
 - Systolic BP: Adult mode: 40 ~ 270 mmHg, Pediatric mode: 40 ~ 200 mmHg,
 - Diastolic BP: Adult mode: 10 ~ 210 mmHg, Pediatric mode: 10 ~ 162 mmHg,
 - MAP: Adult mode: 20 ~ 230 mmHg, Pediatric mode: 20 ~ 175 mmHg

Capnography

- Method: Infrared radiation absorption technology
- CO₂ Measurement Range: 0 ~ 20 Vol%
- Accuracy: 0 ~ 12 % : $\pm (0.2 \text{ Vol}\% + 2\% \text{ of reading})$, 12 ~ 20 % : $\pm (0.2 \text{ Vol}\% + 6\% \text{ of reading})$
- Measurement Accuracy Drift: accuracy requirements within 6 hours
- Resolution: 0.1 Vol%
- Accuracy: Mean error: $<\pm 5\text{mmHg}$, Standard deviation: $<8\text{mmHg}$
- Apnea Alarm Delay Time: 20s, 25s, 30s, 35s, 40s, 45s, 50s, 55s, 60s
- Alarm Range: EtCO₂: 0 ~ 150mmHg, FiCO₂: 0 ~ 150mmHg, awRR: 0 ~ 150rpm

AwRR

- Range: 0~150rpm
- Accuracy: $\pm 1\text{rpm}$ (0~70rpm) Undefined (within other ranges)
- Resolution: 1rpm

TEMP

- Range: 0-50°C
- Accuracy: $\pm 1^\circ\text{C}$
- Resolution: 0.1



COMPLIANCE

Standard: IEC 81060-1:R 2013
IEC 80601-2-61:2017
IEC 80601-2-61:2017

PHYSICAL PARAMETER

Operating Environment

- Operating temperature : 0-40°C
- Operating humidity : 15%~95%RH,non-condensing
- Power Supply: AC100~240V(±10%)
(50Hz/60Hz)±3Hz,60VA

Mechanical

- Dimensions: 255*140*95mm (LxWxH)
- Weight: < 2 kg (without accessories)

INTERFACES

Connectivity

- USB interface
- RS232 interface
- Connected to central monitor via RJ45
- Bluetooth Printer
- Ethernet Port

HMI

- Optional : 6 models of configuration options
- Display: 5" Color TFT LCD, 800 x 480pixels
- Audio/Visual Indicators: Alarm limit reached, Alarm tone, Alarm mute, pulse strength, Patient name, Patient Type, Time, battery status, connection status.
- LEDs: Adult, Neonate, Pressure Unit or SpO2/PR (according to model), battery in use, battery charging, silenced alarm.
- User Interface language: English (additional language upon request).



* The data is subject to change without notice. Please refer to the manual for the contraindications and precautions



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