

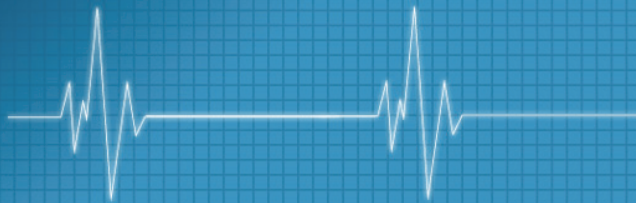
ADV15

Multi-parameter Patient Monitor



FEATURES

- Super ability in against electrosurgical interference. Neither in cutting nor in burning, ECG waveform and HR can be influenced, very short recovering time after defibrillation, especially suitable for use in emergency or operating room.
- Unique thoracic impedance & nasal tube double model respiration test method (when patient can not lie quietly, only nasal tube respiration can detect the right respiration waveform and respiration rate).
- 15" color TFT LCD screen, High brightness, Wide viewing, 12 waveforms can be displayed on the same screen. lightness and volume are adjustable independently.
- Streamlined outline design with sense of the times & foldable handle. Multi-language interface selection: Chinese, English, Spanish, Portuguese, French, Arabic, Russian, Italian, Turkish, etc.
- Super ability in against electrosurgical interference. Neither in cutting nor in burning, ECG waveform and HR can be influenced, very short recovering time after defibrillation, especially suitable for use in emergency or operating room.
- Unique thoracic impedance & nasal tube double model respiration test method (when patient can not lie quietly, only nasal tube respiration can detect the right respiration waveform and respiration rate).
- User-friendly and man-machine dialogue interface with pop-up menus, dialogue boxes, rotary mouse and etc.
- Low-power consumption design with standby mode, rechargeable high-energy built-in battery.
- blood pressure measurement fast and accurately, with venipuncture function.
- Advanced digital technology, accurately measure SpO2 in low perfusion situation.
- Drug calculation, ST-segment detection
- display format include OxyCRG diagram, 7-lead ECG waveform, big-font mode simultaneously ; can store 5 kinds of user-defined display format;
- Sound and light integrated alarm, Alarm parameters can be adjusted to upper or lower.
- Applications in bedside and delivery monitoring; Widely used in patient room, emergency room, operation room, PACU, ICU, CCU, etc.
- WAN communication function to network with central monitoring system and make long-distance monitoring, diagnosis, maintenance and software upgrade possible.



SPECIFICATIONS

ECG

Lead output: 3 wires/5 wires ECG cable
Lead section: I, II, III, aVR, aVL, aVF, V
Gain selection: $\times 1/4$, $\times 1/2$, $\times 1$, $\times 2$, $\times 4$ and automatic
Scan speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50mm/s
Heart rate range: 15-300bpm
ECG calibration: ± 1 mvHeart rate accuracy: $\pm 1\%$

NIBP

Philosophy: Oscillometric method
Measurement type: adult, pediatric, neonate
Measurement parameter: Systolic, Diastolic, Mean
Measurement method: manual, automatic, continuous measurement
Unit: mmHg/kPa selectable
Accuracy: ± 2 or 3mmHg

SpO2

Display type: Waveform, data
Measurement range: 0 ~ 100%
Resolution: 1 BPM
Pulse rate range: 30 ~ 250bpm
Accuracy: ± 1 bpm

Temperature

Number of channel: 2 channels, measure surface and cavity temperature simultaneously
Resolution: 0.1°C
Display: T1, T2, ΔT

Respiration

Thoracic impedance & nasal tube double method selectable

Measurement range: 0 ~ 120bpm

Accuracy: ± 1 bpm

Resolution: 1bpm

ETCO2 (Option)

Measuring Method: main/side stream type
Measurement range: 0% - 10.0%

Accuracy: ± 2 mmHg

2-IBP (Invasive blood pressure) (Option)

Measurement range: -10 - 300mmHg
Channel: max 4 channels

Accuracy: ± 1 mmHg or $\pm 2\%$ Transducer sensitivity:
5uV/V/mmHg

Pressure label: ART, CVP, RVP, LAP, RAP, PAP, ICP, LVP

Cardiac Output (Option)

Measuring Method: thermodilution

Blood temperature measurement and alarm range:
23°C ~ 43°C

Unit: degrees Celsius °C or Fahrenheit °F

Error: $\pm 0.2^\circ\text{C}$

Resolution: 0.1°C

Cardiac output measurement range: 0.1L/min ~ 20.0 L/min

Error: ± 0.2 L/min or $\pm 5\%$

Power requirement: 100~240VAC, 50/60Hz