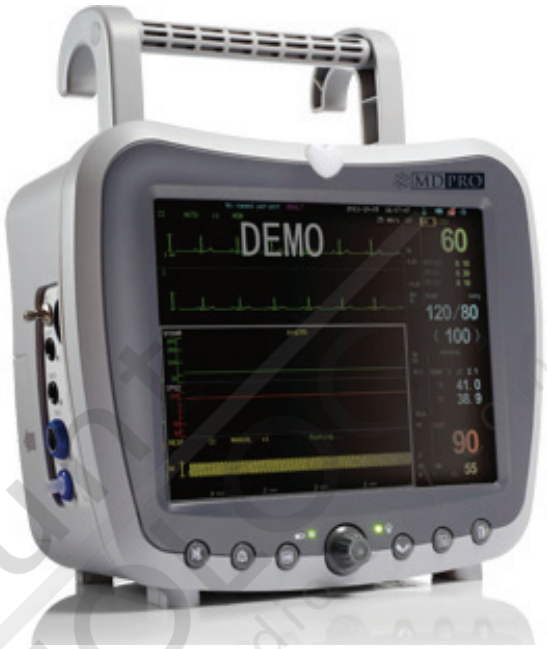
ADV8

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).
- 8.4'' color TFT LCD screen, High brightness,Wide viewing, 7 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.
- 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 accuratly, with venipuncture function.
- Advanced digital technology, accurately measure SpO2 in low perfusion situation.
- Drug calculation, ST-segment detection, pace maker and arrhythmia analysis.
- 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.
- Suitable for adults, pediatrics and neonates
- 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.
- Printing of data, waveform, trend tables and trend diagram.
- Optional CO2 detection function

MDPRO
Multi-Parameter Patient Monitor

SPECIFICATIONS

ECG

Heart rate (HR)

Measurement range: 30BPM ~ 350BPM;

Accuracy: 1 BPM or ±1 %.

Heart rate alarm settings And tolerance: upper limit (60 ~ 300) bpm; tolerance::± 10% Lower limit (10 ~ 200) bpm; tolerance : ± 10%

Noise level: ≤ 30μV

ECG frequency response: filtering methods: (1 ~ 25) HzNon-filtered mode: (0.05 ~ 100) Hz The ECG Input circuit current: ≤ 0.1μAECG sensitivity: continuous adjustable

The scanning speed of the sub-file and error: Scan rate can be divided into three files for selection: 12.5mm / s, 25mm / s, 50mm / sThe error of scanning rate: ≤ ± 10%

NIBP

Measurement range:

Systolic (SBP): (5.3 ~ 36.0)kPa, or (40 ~ 270)mmHg

Diastolic (DBP): (2.7 ~ 26.7)kPa, or (20 ~ 200)mmHg

Mean (MAP): (4.0 ~ 29.3)kPa, or (30 ~ 220)mmHg

Accuracy : ≤ ± 0.4 kPa (3 mmHg) or ±2%,

IBP

Measurement range: -1.3 ~ 40KPa(-10 ~ 300mmHg)

Channel: 2 channelsTransducer sensitivity: 5MV/V/ mmHg

Unit display: kPa or mmHg(selectable)

Respiration Rate

Measurement range: 0 BPM ~ 120 BPM,

Accuracy: ±1 BPM or ±5 %

Temperature

Number of channels: 2

Temperature probe configuration: Intracavitary probe: 1 unit; Surface probe: 1 unit

Measurement range: 25.0 °C ~ 45.0°C

Accuracy: ± 0.2 °C

Response time: ≤ 3 min.

SpO2:

Measurement range: (0 ~ 100)%;

Accuracy: Within ±2 % (70 ~ 100)%

Within ±3 % (50% ~ 69)%

Pulse Rate

Measurement range: (30 ~ 250)bpm;

Accuracy: 1BPM or ±2%

Trend review:

Can Review history data of 360 hours

CO2:

Measurement range: 0% ~ 10.0% (Carbon dioxide inhalation and carbon dioxide exhalation)

Accuracy: ±2mmHg(<5% Measured values)

10% (>5% Measured values)

Standard configuration: ECG+ RESP+TEMP+NIBP+SPO2 (built in High-energy rechargeable battery)

Optional configuration: ETCO2, printer,2-IBP, Wall Mount, Trolly

It is suitable for central monitor system, connect to each workstation bedside machine: 1-16 units, expand to 16 workstations.

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MULTI-PARAMETER PATIENT MONITOR