



PW-407

15 inch Patient Monitor



Devote to life technology

Patient Monitor

Features

- 13 Type Arrhythmic Analysis, Multi_Lead ECG Waveforms Display in Phase, Real time S_T segment analysis, pacemaker detection Drug calculation and titratiable;
- Efficient resistance to interference of defibrillator and electrosurgical cautery;
- SPO2 can testing for 0.1% Weak;
- RA-LL impedance Respiration;

- Networking capacity
- Capture dynamic waveforms.;
- UP to 4 hours working capacity of built_in rechargeable battery;
- 15" high resolution color TFT LCD display;
- Anti-ESU, anti- defibrillator;

Technical Specification

ECG

Lead selection: Leads I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
 Waveform: 2 ch
 Lead mode: 3 Leads (R, L, F or RA, LA, LL)
 Lead selection: I, II, III,
 Waveform: 1 ch
 Gain: '2.5mm/mV, '5.0mm/mV, '10mm/mV, '20mm/mV, auto
 HR and Alarm
 Range
 Adult: 15 ~ 300 bpm
 Neo/Ped: 15 ~ 350 bpm
 Accuracy : ± 1% or ± 1bpm,which great
 Resolution: 1 bpm
 Sensitivity: > 200 (uV P-P)
 Differential Input Impedance: > 5 MΩ
 CMRR
 Monitor: > 105 dB
 Operation: > 105 dB
 Diagnosis: > 85 dB
 Electrode offset potential: ±300mV
 Leakage Current: < 10 uA
 Baseline Recovery: < 3 S After Defi.
 ECG Signal Range: ±8 m V (Vp-p)
 Bandwidth
 Surgery: 1 ~ 15 Hz
 Monitor: 0.5 ~ 35 Hz
 Diagnostic: 0.05 ~ 100 Hz
 Calibration Signal: 1 (mV p-p), Accuracy:±5%
 ST Segment Monitoring Range: Measure and Alarm -2.0 ~ +2.0 mV
 ARR Detecting
 Type: ASYSTOLE, VFIB/VTAC, COUPLET, BIGEMINY, TRIGEMINY, R ON T, VT>2, PVC, TACHY, BRADY, MISSED BEATS, PNP, PNC
 Alarm: Available
 Review: Available

Method: Impedance between R-F(RA-LL)
 Differential Input Impedance: >2.5 MΩ
 Measuring Impedance Range: 0.3~5.0Ω
 Base line Impedance Range: 0 ~ 2.5 KΩ
 Bandwidth: 0.3 ~ 2.5 Hz
 Resp. Rate
 Measuring and Alarm Range
 Adult: 0 ~ 120 rpm
 Neo/Ped: 0 ~ 150 rpm
 Resolution: 1 rpm
 Accuracy : ±2 rpm
 Apean Alarm: 10 ~ 40 S

NIBP

Manual, Auto, STAT
 Measuring Interval in AUTO Mode: 1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 180, 240,480 (Min)
 Measuring Period in STAT Mode: 5 Min
 Pulse Rate Range: 40 ~ 240 bpm
 Alarm Type: SYS, DIA, MEAN
 Measuring and alarm range
 Adult Mode
 SYS: 40 ~ 270 mmHg
 DIA: 10 ~ 215 mmHg
 MEAN: 20 ~ 235 mmHg
 Pediatric Mode
 SYS: 40 ~ 200 mmHg
 DIA: 10 ~ 150 mmHg
 MEAN:20 ~ 165 mmHg
 Neonatal Mode
 SYS: 40 ~ 135 mmHg
 DIA:10 ~ 100 mmHg
 MEAN:20 ~ 110 mmHg
 Resolution Pressure:1mmHg
 Accuracy Pressure Maximum Mean error: ±5mmHg
 Maximum Standard deviation: ±8mmHg
 Overpressure Protection
 Adult Mode: 297±3 mmHg
 Pediatric Mode: 240±3 mmHg
 Neonatal Mode: 147±3 mmHg

Measuring Range: 0 ~ 100 %
 Alarm Range: 0 ~ 100 %
 Resolution: 1 %
 Accuracy : 70% ~ 100% ±2 %
 0% ~ 69% unspecified
 Actualization interval: about 1 Sec.
 Alarm Delay: 10 Sec.
 Pulse Rate
 Measuring and Alarm Range: 20~300bpm
 Resolution: 1bpm
 Accuracy : ±2bpm

TEMP

Channel: 2
 Measuring and Alarm Range: 0 ~ 50 °C
 Resolution: 0.1°C
 Accuracy : ±0.1°C
 Actualization interval: about 1 Sec.
 Average Time Constant:<10 Sec.

Standard: 3/5-Lead ECG, RESP, SpO2, NIBP, PR, TEMP
Optional: Nellcor SpO2, Mainstream/Sidestream EtCO2, 1/2-channel IBP, Touch screen, Thermal Recorder, Wall mount, Trolley, Central station,HDMI