PW-406
12.1 inch Patient Monitor

Devote to life technology

Patient Monitor

Features

- 12.1" color TFT LCD screen, resolution: 800*600
- 5 kinds of interfaces: Standard/Big font/6-lead ECG/Trend gragh/OxyCRG
- Maximum 8-channel waveforms display, the waveform color can be defined by user (7 colors)
- 96-hour storage and review of trend graphic gram and table, 400 groups NIBP data, 1800 alarm events
- ST and arrhythmia analysis, pacemaker analysis, drug dose calculation
- Anti - defibrillation design
- NIBP over pressure protection
- Plug - in rechargeable battery, AC/DC available
- Support wire or wireless network

Technical Specification

ECG
Lead Mode: 5 Leads (R, L, F, N, C or RA, LA, LL, RL,V)
Lead selection: I, II, III, avR, avL, avF, V
Wavef orm: 2 ch
Lead mode: 3 Leads (R, L, F or RA, LA, LL)
Lead selection: I, II, III,
Wave form: 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 is greater
Resolution: 1 bpm
Sensitivity: > 200 (uVp-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 ~ 20 Hz
Monitor: 0.5 ~ 40 Hz
Diagnostic: 0.05 ~ 130 Hz
Calibration Signal: 1 (mVp-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,BRADY, MISSED BEATS, PNP, PNC,Alarm Available,Review Available

RESP
Method: Impedance between R-F(RA-LL)
Differential Input Impedance: > 2.5 MΩ
Measuring Impedance Range: 0.3~3 Ω
Base line Impedance Range: 200~4 KΩ
Bandwidth: 0.1~2.5Hz
Resp. Rate:
Measuring and Alarm Range
Adult 0 ~ 120 Brpm
Neo/Ped 0 ~ 150 Brpm
Resolution 1 Brpm
Accuracy ±2 Brpm
Apnea Alarm: 10 ~ 40 S

NIBP
Method: Oscillometric
Mode: 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: 1mmHg
Accuracy: 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

SpO_2
Measuring Range: 0 ~ 100 %
Alarm Range: 0 ~ 100 %
Resolution: 1 %
Accuracy: 70% ~ 100% 2 %
0% ~ 69% unspecified
Actualization intervalabout: 1 Sec.
Alarm Delay: 10 Sec.
Pulse Rate:
Measuring and Alarm Range 20~300 bpm
Resolution: 1bpm
Accuracy: ±3bpm

TEMP
Channel: 2
Measuring and Alarm Range: 0 ~ 50 ℃
Resolution: 0.1 ℃
Accuracy: ±0.2 ℃
Actualization intervalabout: 1 Sec.
Average Time Constant: < 10 Sec.

IBP
Label: ART, PA, CVP, RAP, LAP, ICP, P1, P2
Measuring and alarm range:
ART 0 ~ 300 mmHg
PA -6 ~ 120 mmHg
CVP/RAP/LAP/ICP-10 ~ 40 mmHg
P1 / P2-10 ~ 300 mmHg
Press Sensor:
Sensitivity: 5 uV/V/mmHg
Impedance: 300-3000Ω
Resolution: 1 mmHg
Accuracy: ±2% or 1mmHg which is greater
Actualization interval: about 1 secretary

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

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