



PW-406

Patient Monitor

FEATURES

- Monitoring parameters including ECG, RESP, NIBP, SPO2, PULSE RATE and DUAL-TEMP
- 12.1 inch color TFT display
- Multi-waveforms display with adjustable display speed
- OxyCRG(Oxygen Cardio-respirogram)
- The trend data is never lost even when power' s off
- S-T segment synchronized detection and analysis
- Maximum 7 days graphic and tabular trends of all parameters
- 400-set NIBP, HEART RATE, TEMP, SPO2, RESP data storage
- 60-group alarmed data , waveform storage and review
- Able to be connected with the central monitor station
- Inner high-definition thermal dot matrix recorder optional, which can output waveforms and characters.
- Built-in battery



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Specifications

ECG

5 Leads: R, L, F, N, C or RA, LA, LL, RL, V
 Lead selection: I, II, III, avR, avL, avF, V
 Waveform: 2 channel

3 Leads: R, L, F or RA, LA, LL
 Lead selection: I, II, III
 Waveform: 1 channel

Gain: 2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV, auto
 ECG Signal Range: 8mV (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%

Heart Rate
 Measuring and Alarm Range: Adult 15-300bpm; Neo/Ped. 15-350bpm
 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: <10uA
 Baseline Recovery: < 3S. After Defi.

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

RESPARATION

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 - 40S.

SpO2

Measuring Range: 0-100 %
 Alarm Range: 0-100 %
 Resolution: 1 %
 Accuracy: 70%-100% ± 2 %; 0%-69% unspecified
 Actualization interval: about 1Sec.
 Alarm Delay: 10Sec.

Pulse Rate
 Measuring and Alarm Range: 0-254bpm
 Resolution: 1bpm
 Accuracy: ± 2bpm

TEMPERATURE

Channel: 1
 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.

IBP (Optional)

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 great
 Actualization interval: about 1 Sec.

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
 Resolution: 1mmHg
 Accuracy: Maximum Mean error ±5mmHg
 Maximum Standard deviation ±8mmHg
 Overpressure Protection:
 Adult 297 ± 3 mmHg; Pediatric 240 ± 3 mmHg; Neonatal 147 ± 3 mmHg

Pulse Rate
 Range: 40-240bpm
 Alarm Type: SYS, DIA, MEAN

Measuring and alarm range

Object	SYS	DIA	MEAN
Adult	40-270 mmHg	10-215 mmHg	20-235 mmHg
Pediatric	40-200 mmHg	10-150 mmHg	20-165 mmHg
Neonatal	40-135 mmHg	10-100 mmHg	20-110 mmHg

Operation Environment

Temperature: 0-45 C
 Humidity: 30-85 C (non-condensing)

Power Option

AC power: 100-240V, 50-60Hz, 10VA