Kairos 5000B Patient Monitor

5000B 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 titratiotable;
- 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 Mode: 5 Leads, I, II, III, AVR, AVL, AVF, V
Lead Mode: 5 Leads (R, L, F, N, C or RA, LA, LL, RL,V)
Lead selection: I, II, III, avR, avL, avF, V,
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: Availa

RESP

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

Method: Oscillometry
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 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

SpO2

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, VGA,Wall mount, Trolley, Central station