



Electrocardiograph

EKG Series

EKG III (12 channel)



CE 0044



I&G
medical

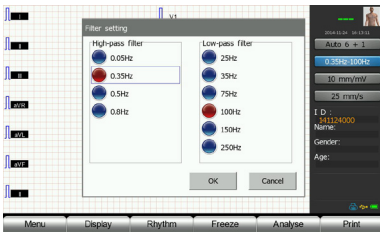
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Product features:

Main features:

- 9" LCD touch screen, hand writing support
- Unique ECG data acquisition module
- 1:1 ratio wave forms with grid line background
- Waterproof alphanumeric keyboard
- Supports USB / SD card/ internal storage
- HL7 support, LAN, VGA and WiFi-option
- Auto- and manual recording
- Long term recording up to 300sec
- 3 operation keys for efficiency improvement
- Analysis for children and newborn
- Onscreen operation guide
- Analysis interpretation by Miniesota code with CSE & AHA database support
- Very high sensitivity and specificity of QRS detection
- Four sensitivity levels
- Data format: pdf, jpeg, dicom, xml
- Easy data search

Analysis for children and newborn



- Complete digital filters, avoid baseline drift, AC, EMG interference
- 0.05Hz high-pass, extra sensitive in weaker ECG signal detection, contributed to undistorted ST segment measurement and analysis
- 250Hz low-pass, exclusive module for children and newborns

30-300 seconds of R-R analysis and arrhythmia dection

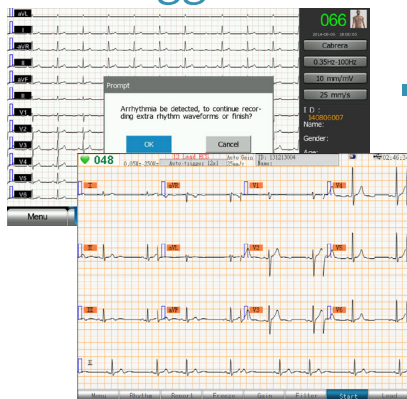


30-300 seconds of RR interval analysis with RR histogram to help clinical staff to better determine the arrhythmia

- Up to 200 kings of arrhythmia analysis

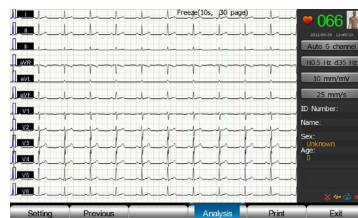
Auto-printing function when detecting arrhythmia helps to keep an eye on any potential hear diseases

Auto-trigger mode



- The auto-recording function triggers as soon as the arrhythmia is detected

Wave form freezing



- Real time wave form and record freeze
- Lastest 300 seconds of waveforms are reviewable and recordable

Specifications:

Display	9" LCD touch screen
Lead	Standard 12-leads simultaneous acquisition
Patient cable	Unique cable with ECG data acquisition with independent function keys, defibrillation-proof
Long term recording	Record for a long term (30sec ~ 300sec) and rhythm analysis
Measurement parameters	Ventricular rate, PR interval, QRS time limit, QT/QTc interval, P/QRS/T axis, RV5/SV1 amplitude and RV5+SV1 amplitude
Filters	AC, drift and myoelectric filters
CMRR	> 60dB, >100 dB (with AC interference filter)
Input impedance	> 50m Ω
Frequency response	0.05 ~ 250Hz
Patient leakage current	< 10 μ a
Input circuit current	\leq 0.1 μ a
Time constant	\geq 3.2s
Sensitivity	2.5, 5, 10/5, 20/10mm/mv, auto gain
Paper speed	5, 6.25, 10, 12.5, 25, 50mm/s
Recording paper	210mm x 150mm x 200mm p fan-fold paper (A4 width)
Operation mode	Auto., manual, rhythm, cabrera, paper save, cycle print
Calibration rates:	1mV, zeroing reset, auto-base line correction
DC	14.8V rechargeable li-ion battery, 3h working time
Power supply AC	100-240V, 50/60Hz, 110 VA
Safety level	IEC class II, type CF
Environment requirements	Temp.: +5°C ~ +40°C Relative humidity: \leq 95% (no condensation) Air pressure: 86KPa ~ 106 KPa
Supporting varios data memory	Internal memory up to 3000 files, SD card for massive data storage, External USB flash driver for easy data transmission
Dimensions, weight	345mm x 260mm x 129mm (LxWxH), ~5.2kg

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