



Interpretive 12 channel resting ECG with color LCD Touch screen

## CardioTouch 3000

- \* Convenient A4 size print-outs allow for easy chart filing
- \* Grid function allows you to use low cost plain fax paper

- \* One-touch operation (monitoring, recording mode)

- \* 12ch simultaneous display
- \* Wide and clear color TFT LCD
- \* Touch screen for easy operation

- \* Rotary key access to all menus

- 12channel interpretive ECG
- Over 120 kinds of interpretation results based on advanced Minnesota code
- Memory up to 200 ECGs
- Real-time preview monitor
- PC compatible through LAN
- Multi-language ( English, Russian, French, German, Italian, Chinese, Spanish, Turkish, Polish, Romanian, Portugues) available
- Lead fault message
- Pace maker detection
- Supported standard file format: ECG, XML, PDF, JPEG, MFER



# SPECIFICATIONS

## ECG

<b>ECG Leads</b>	Simultaneous 12channel Resting ECG
<b>Dimension</b>	290(W)×300(D) ×97.5(H)mm, Approx. 3.5kg (Main Body)
<b>Recording Channel</b>	3CH+1RH, 3CH+3RH, 6CH+1RH, 12CH, 1CH Long Time (1min) and Beat Report
<b>Sensitivity</b>	2.5, 5, 10, 20, Auto (I~aVF: 10, V1~V6: 5)mm/mV
<b>Printing Speed</b>	5, 12.5, 25, 50, 100mm/sec
<b>Sampling Rate</b>	Analysis Sampling Rate – 500sample/sec Digital Sampling Rate - 8,000sample/sec
<b>Filters</b>	AC (50/60Hz, -20dB or better), Muscle (25~35Hz, -3dB or better), Base Line Drift (off, 0.05, 0.1, 0.2Hz, -3dB or better), Low Pass Filter (off, 40Hz, 100Hz, 150Hz)
<b>Display</b>	272 x 480 Pixel Resolution, 4.3" Color TFT Wide Display 12 Channels Preview, ID, HR, Gain, Speed, Power Status
<b>Export file format</b>	ECG,XML,PDF,JPEG,MFER
<b>User Interface</b>	Touch Screen, Rotary Push-knob
<b>Recorder</b>	Thermal Print Head, Roll Paper Report Paper - Width: A4/Letter – 215mm (8.5") - Length: A4 – 297mm (11.7") Letter – 279mm (11") Resolution: 8dot/mm (0.125mm pitch)
<b>Patient data</b>	ID, Name, Age, Gender, Height, Weight
<b>Basic Measurement</b>	Heart Rate: 30~300bpm (±3bpm) PR, QRS, QT/QTc, P-R-T axis
<b>ECG Data Storage</b>	Internal Storage for 200 ECGs: Built- in Memory
<b>Electrical</b>	Internal Noise: 20uV(p-p)max Input Impedance: More than 50MΩ Input Voltage range: ±5mV CMRR: Greater than 105dB DC offset Voltage: ≥ ±400mV Patient Leakage Current: < 10uA Frequency Response: 0.05~150 with in -3dB Isolated, Defibrillation and ESU Protected
<b>Signal Quality Control</b>	Pacemaker Pulse Detection Lead Fault Detection, Signal Saturation Detection
<b>Power</b>	Input: 100-240Vac, 1.5-0.75A, 50-60Hz, Output: 15Vdc, 4.2A
<b>Battery type</b>	Replaceable and Rechargeable, Lithium ion, 11.1V, 2600mA
<b>Battery Capacity</b>	6 hours of normal use (without recording,200 ECGs) in 12CH Battery charge 3 hours
<b>Communication</b>	LAN, WIFI (option)
<b>Safety Conformity</b>	Class I, Type CF, Defibrillation-proof applied Part.
<b>Environment</b>	Operating Temperature: 5~40°C Operating Humidity: 10~90%RH Atmospheric Pressure: 70~106KPa
<b>Standard Accessory</b>	Patient Cable (1 EA), Limb Electrodes (1 SET), Chest Electrodes (1 SET), ECG Paper (1 EA), Power Cord (1 EA)
<b>Options</b>	Rechargeable Battery (1 EA), Cart(1 EA), Hanger (1 EA)

\* Specifications can be changed without prior notification.



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