



**Interpretive  
12 Channel Resting ECG  
with Color LCD Touch Screen**

# CardioTouch 3000



- Convenient A4 size print-outs allow easy chart filing
- Fax paper can be used with grid function
- One-touch operation (monitoring, recording mode)
- 12ch simultaneous display
- Touch screen for easy operation
- Rotary key access to all menu
- 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
- Pacemaker detection
- Export file form: ECG, XML, PDF, JPEG, MFER





Interpretive 12 channel resting  
ECG with color LCD Touch screen

# CardioTouch 3000



## SPECIFICATIONS

ECG	
ECG Leads	Simultaneous 10 Leads Resting ECG (12 channel)
Dimension	290(W)×300(D)×97.5(H)mm, Approx. 3.5kg (Main Body)
Recording Channel	3CH+1RHV, 3CH+3RHV, 6CH+1RHV, 12CH, 1CH Long Time (1min) and Beat Report
Sensitivity	2.5, 5, 10, 20, Auto (I~aVF: 10, V1~V6: 5)mm/mV
Printing Speed	5, 12.5, 25, 50, 100mm/sec
Sampling Rate	Analysis Sampling Rate: 500sample/sec Digital Sampling Rate: 8,000sample/sec
Filters	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)
Display	272 x 480 Pixel Resolution, 4.3" Color TFT Display 12 Channels Preview, ID, HR, Gain, Speed, Power Status
Export file format	ECG, XML, PDF, JPEG, MFER
User Interface	Touch Screen, Rotary Push-knob
Recorder	Thermal Print Head, Roll Paper Report Paper - Width: A4/Letter – 215mm (8.5") - Length: A4 – 297mm (11.7") Letter – 279mm (11") Resolution: Vertical 8dot/mm, Horizontal 16dot/mm
Patient data	ID, Name, Age, Gender, Height, Weight
Basic Measurement	Heart Rate: 30~300bpm (±3bpm) PR, QRS, QT/QTc, P-R-T axis
ECG Data Storage	Internal Storage for 200 ECGs: Built-in Memory, External memory available
Electrical	Internal Noise: 20uV(p-p)max Input Impedance: More than 50M Ω 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 Time Constant: 3.2sec Floating input
Signal Quality Control	Pacemaker Pulse Detection Lead Fault Detection, Signal Saturation Detection
Power	Input: 100-240Vac, 1.5-0.75A, 50-60Hz, Output: 15Vdc, 4.2A
Battery type	Replaceable and Rechargeable, Lithium ion, 11.1V, 2600mA
Battery Capacity	6 hours of normal use(without recording) with 12channel Battery charge time is 3 hours.
Communication	LAN,USB,WIFI(option)
Safety Conformity	Class I, Type CF Defibrillation-proof applied Part.
Environment	Operating Temperature: 5~40°C Operating Humidity: 10~90%RH Atmospheric Pressure: 70~106KPa
Standard Accessory	Patient Cable (1 EA), Limb Electrodes (1 SET), Chest Electrodes (1 SET), ECG Paper (1 EA), Power Cord (1 EA), Rechargeable Battery (1 EA), Cart(1 EA), Hanger (1 EA)

\* Specifications can be changed without prior notification.



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