



**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

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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+3RHY, 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), Hanger (1 EA)

* Specifications can be changed without prior notification.

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Bionet Factory and Headquarters : Bionet Co., Ltd.
5F, 61 Digital-ro 31 gil, Guro-gu, SEOUL 08375, REPUBLIC OF KOREA

Mail : domestic.sales@ebionet.com
Tel : 02-6292-6410

www.ebionet.com

North America : Bionet America Inc.
2691 Dow Ave., Suite B, Tustin, CA 92780, USA

mail : sales@BionetUS.com
Tel : +1-877-924-6638

www.BionetUS.com