

# 12 ch ECG



Interpretive 12 Channel  
Resting ECG

## CardioCare 2000

- \* Convenient A4 size print-outs allow for easy chart filing
- \* Copy function allows varied printouts from single patient sample
- \* Grid function allows you to use low cost plain fax paper
- \* One-touch operation (monitoring, recording mode)
- \* Accurate simultaneous 12 channel cardiac data acquisition
- Over 120 kinds of interpretation results based on advanced Minnesota code
- High-Quality 12ch interpretive ECG at a 3ch price
- Free S/W upgrade via USB



# SPECIFICATIONS

## General

<b>ECG Leads</b>	Simultaneous 12channel Resting ECG
<b>Dimensions</b>	290(W) 300(D) x97.5(H)mm, Approx. 3kg (Main Body)
<b>Recording Channel</b>	3CH+1RHV, 3CH+3RHV, 6CH+1RHV, 12CH, 1CH Long Time (1min) and Beat Report
<b>Sensitivity</b>	5, 10, 20, Auto (I~aVF: 10, V1~V6: 5) mm/mV
<b>Printing Speed</b>	12.5, 25, 50 mm/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>	2 x 16 Char LCD Display Sensitivity, Speed, Filter Status, HR, Printing Form, Rhythm Lead
<b>User Interface</b>	Membrane Keypad / 16*2 Character LCD
<b>Printer Resolution</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>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>Line 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
<b>Safety Conformity</b>	Class I, Type CF, Defibrillation-proof applied Part.
<b>Environmental</b>	Operating Temperature: 5~40°C Operating Humidity: 10~90%RH Atmospheric Pressure: 70~106KPa
<b>Standard Accessory</b>	Patient Cable (1 EA), Limbs 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.



North America (U.S.A) : Bionet America, Inc. E-mail : sales@BionetUS.com  
Tel : +1-714-734-1760 www.BionetUS.com

South Korea : Bionet co., Ltd  
Tel : +82-70-7585-6496(Int'l)  
+82-2-6300-6483(Domestic)

E-mail : sales@ebionet.com(Int'l)  
domestic.sales@ebionet.com(Domestic)  
www.eBionet.com