

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
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- 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

ECG Leads	Simultaneous 12channel Resting ECG
Dimensions	290(W) 300(D) x97.5(H)mm, Approx. 3kg (Main Body)
Recording Channel	3CH+1RHV, 3CH+3RHV, 6CH+1RHV, 12CH, 1CH Long Time (1min) and Beat Report
Sensitivity	5, 10, 20, Auto (I~aVF: 10, V1~V6: 5) mm/mV
Printing Speed	12.5, 25, 50 mm/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	2 x 16 Char LCD Display Sensitivity, Speed, Filter Status, HR, Printing Form, Rhythm Lead
User Interface	Membrane Keypad / 16*2 Character LCD
Printer Resolution	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)
Patient data	ID, Name, Age, Gender, Height, Weight
Basic Measurement	Heart Rate: 30~300bpm (±3bpm) PR, QRS, QT/QTc, P-R-T axis
Electrical	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
Line 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,200 ECGs) in 12CH Battery charge 3 hours
Communication	LAN
Safety Conformity	Class I, Type CF, Defibrillation-proof applied Part.
Environmental	Operating Temperature: 5~40°C Operating Humidity: 10~90%RH Atmospheric Pressure: 70~106KPa
Standard Accessory	Patient Cable (1 EA), Limbs Electrodes (1 SET), Chest Electrodes (1 SET), ECG Paper (1 EA), Power Cord (1 EA)
Options	Rechargeable Battery (1 EA), Cart(1 EA), Hanger (1 EA)

* Specifications can be changed without prior notification.



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