

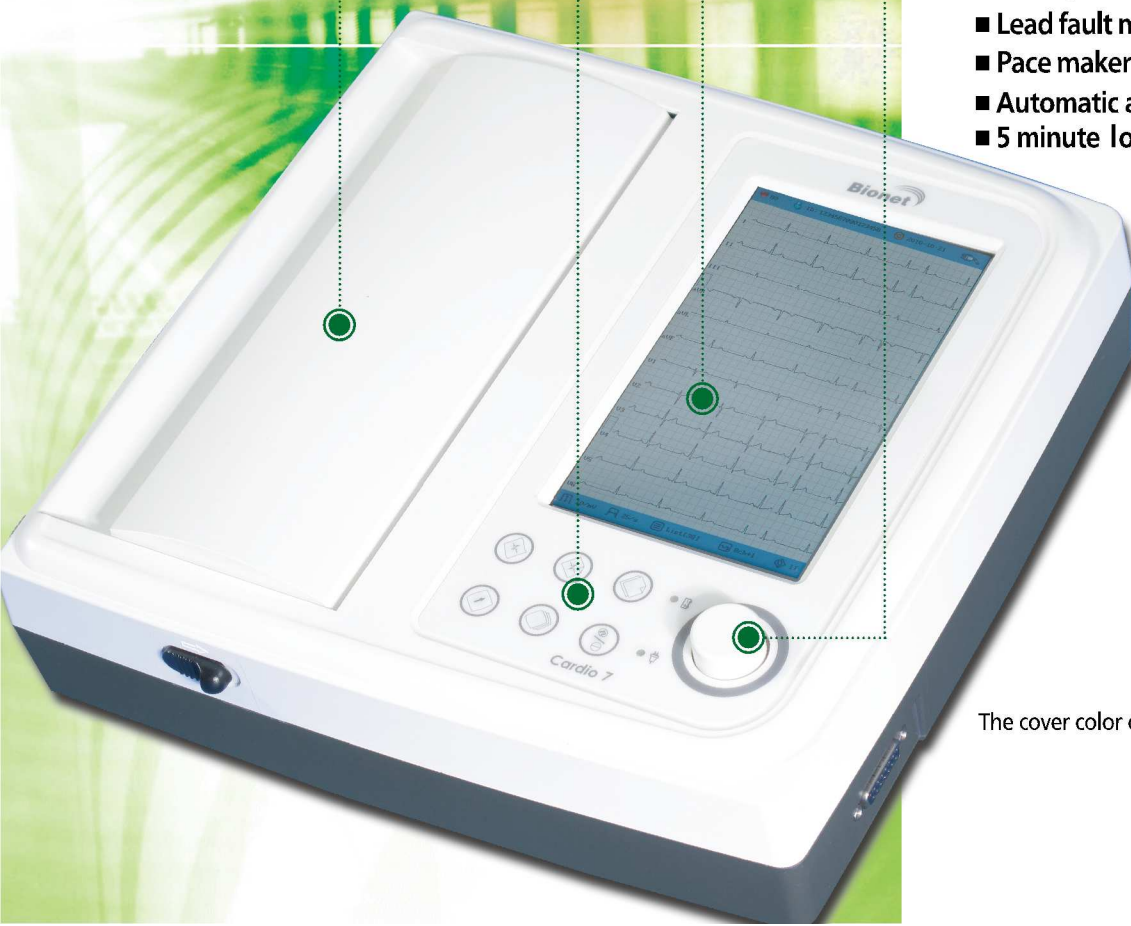
12 ch ECG



Cardio7

7" Wide & Clear View 12 Channel Resting ECG with Touch Screen

- * 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 (800 x 480)
- * Touch screen for easy operation
- * Adaptable UI (Portrait & Landscape mode)
- * Rotary key access to all menus
 - 12channel interpretive ECG
 - Over 130 kinds of interpretation results based on advanced Minnesota code
 - Memory for up to 120 patients
 - Real-time preview monitor
 - PC compatible through LAN
 - Multi-language (English, Russian, French, German, Italian, Chinese, Spanish, Turkish, Polish, Romanian, Portuguese) available
 - Lead fault message
 - Pace maker detection
 - Automatic arrhythmia detection
 - 5 minute long term recording



The cover color can be changed without notification

Bionet

SPECIFICATIONS

ECG >>>

ECG leads	10 lead, 12 channel simultaneous ECG and acquisition
Dimension	296(W) × 305.5(H) × 92.5(D)mm, approx.3.5kg
Recording channel	3 channels + 1 rhythm, 3 channels + 3 rhythm, 6 channels + 1 rhythm, 12 channels, 60 seconds 1 channel, 5 minutes 1 channel and beat report
Sensitivity	2.5, 5, 10, 20, auto(I~aVF: 10, V1~V6: 5) mm/mV
Printing speed	12.5, 25, 50 mm/s
Sampling rate	500 samples/sec
Filters	AC(50/60 Hz, -20 dB or better) Muscle(25~35 Hz, -3 dB or better) Base line drift(0.1 Hz, -3 dB or better) Low pass filter : off, 40 Hz, 100 Hz, 150 Hz
Display	7" color TFT LCD display (800 x 480), 12 channels preview ECG wave
Monitor display	ID, date, sensitivity, speed, filter, form, rhythm lead
User interface	Touch screen(Alphanumeric and symbol available), Keyboard, rotary push-knob(pop-up menu)
Patient data	ID, name, age, sex, height, weight, smoke, race
Basic measurement	Heart rate, PR int, QRS dur, QT/QTc, P-R-T axis
Recorder	Thermal print head, roll paper Report papers : width : A4 : 210mm or 8.5" / length : A4 : 300mm or 11" Resolution : vertical : 8dot/mm / horizontal : 16dot/mm
Electrical	Internal noise: 20 μ V(p-p)max / Input circuit : floating input Input impedance : $\geq 10M \Omega$ / Input voltage range : $\geq \pm 5mV$ Common mode rejection : > 100 dB / DC offset voltage : $\geq \pm 300mV$ Time constant : 3.2sec / Patient leakage current : < 10 μ A Frequency response : 0.05 ~ 150 Hz / Isolated and defibrillation protected
Signal quality control	Disconnected lead detection, Pacemaker pulse detection
ECG data storage	storage for 120 ECGs (Internal on flash memory)
Power	Power supply : AC or built-in battery(option) 95 ~ 240 VAC, 50/60 Hz, 1.0 ~ 0.5A, 60W max
Battery(Ni-MH)	1 hour of normal use (approx. 100 ECG printouts)
Communication	PC connection with RS232 interface and LAN
Safety conformity	Class I, Type BF, CE, CSA, FDA, KFDA, SFDA, CCC
Environment	Operating humidity : 30~85% / Operating temperature : 10 ~ 40 $^{\circ}$ C Atmospheric pressure : 70 ~ 106KPa
Standard accessory	Power cord 1 EA, Patient cable 1 EA, Limb 1 set(4 EA), Chest ball 1 set(6 EA), Chart paper 1 EA, Operation manual 1 EA
Options	Rechargeable battery, Cart, Hanger, Bag, PC S/W

* Specifications can be changed without prior notification.



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