

12 ch ECG



Interpretive 12 Channel Resting
ECG with Large LCD Touch Screen

CardioTouch 3000

- * 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
- * 320 x 240 LCD
- * Touch screen for easy operation
- * LCD Brightness Control
- * Rotary Key Access to All Menus

- 12channel interpretive ECG
- Over 130 kinds of interpretation results based on advanced Minnesota code
- Memory for up to 30 patients
- Real-time preview monitor
- PC compatible through LAN
- Multi-language(English,Russian,French, German,Italian,Chinese,Spanish)available
- Lead fault message
- Pace maker detection



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, 6 channels, 12 channels, 60 second 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, -20dB or better) Muscle(25~35 Hz, -3dB or better) Base line drift(0.1 Hz, -3dB or better) Low pass filter : off, 40 Hz, 100 Hz, 150 Hz
Display	320 × 240 graphic LCD display, 3 and 12 channels preview
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 : 210 _{mm} or 8.5" / length : A4 : 300 _{mm} or 11" Resolution : vertical : 8dot/ _{mm} / horizontal : 16dot/ _{mm}
Electrical	Internal noise: 20 _{μV} (p-p)max / Input circuit : floating input Input impedance : ≥ 10M Ω / Input voltage range : ≥ ± 5mV Common mode rejection : > 100dB / DC offset voltage : ≥ ± 300mV Time constant : 3.2sec / Patient leakage current : < 10 _{μA} Frequency response : 0.05 ~ 150 Hz / Isolated and defibrillation protected
Signal quality control	Disconnected lead detection, Pacemaker pulse detection
ECG data storage	storage for 30 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℃ 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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