

12 ch ECG



Interpretive 12 Channel Resting
ECG with Color 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
- * Wide and Clear Color TFT LCD
- * Touch screen for easy operation

- * Rotary Key Access to All Menus

- 12channel interpretive ECG
- Over 130 kinds of interpretation results based on advanced Minnesota code
- Memory for up to 200 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



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	5, 12.5, 25, 50, 100mm/s
Sampling rate	2000 samples/sec
Filters	AC(50/60 Hz, -20 dB or better) Muscle(25~35 Hz, -3 dB or better) Base line drift (0.05, 0.1, 0.2Hz, -3 dB or better) Low pass filter : off, 40 Hz, 100 Hz, 150 Hz
Display	4.3" color TFT LCD Display (480×272), 12 channels preview ECG wave
Monitor display	HR, ID, AC or battery state, sensitivity, speed
User interface	Touch screen(Alphanumeric and symbol available), Keyboard, rotary push-knob(pop-up menu) barcode scanner
Patient data	ID, name, age, sex, height, weight
Basic measurement	Heart rate, PR int, QRS dur, QT/QTc, P-R-T axis
Recorder	Thermal print head, roll paper Report papers : (width x length) - A4 : 215mm(8.5") x 297mm(11.7") - Letter : 215mm(8.5") x 280mm(11") Resolution - vertical : 8dot/mm - horizontal : 16dot/mm
Electrical	Internal noise: 20uV(p-p)max / input impedance: More than 50 MΩ Input voltage range: ± 5 mV / CMRR: Greater than 105 dB DC offset voltage: ≥ ± 400 mV Patient leakage current: < 10 uA / Frequency response: 0.05 ~ 150 within - 3 dB Isolated, defibrillation and ESU protected
Signal quality control	Pacemaker pulse detection lead fault detection, signal saturation detection
ECG data storage	storage for 200ECG (Internal on flash memory)
Power	Power supply : AC or built-in battery(option) 100~ 240 VAC, 50/60 Hz, 1.0 ~ 0.5A, 40W max Capacity: 6 hours of continuous operation without printing on? Approx. 3 hours of 200 ECG printouts
Battery Li-ion	Type: Replaceable and rechargeable Lithium Ion
Communication	LAN, Wi-Fi, USB flash drive, USB barcode scanner
Safety conformity	Class I, Type BF, CE, KFDA, CFDA
Environment	Operating humidity : 30~85% / Operating temperature : 10 ~ 40°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, PC S/W

* Specifications can be changed without prior notification



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