

12 ch ECG



Wireless 12 Channel ECG

CardioXP

* High Quality

- 7 Inch Wide, Color TFT(800x480)LCD
- Interpretation : Adult, Pediatrics and Neonate
- Basic & Professional Diagnosis Level
- Beat report for detailed
- Analysis and Printing within 5 seconds
- Supports USB Barcode Scanner

* Flexibility

- Compatible with EMR (HIS)
- XML/PDF/JPEG/MFER/DICOM Protocol Support
- Scalable Platform : Spirometer Optional

* User-friendly

- Wireless Patient Module
- Z-Fold Printer
- New Design with User friendly UI
- All Touch-screen
- Versatility - Rotate, Tilt, Wall Mount

* Data management

- Memory : Built-in(120 Events) & External (SD Card, USB)
- File & Order Database
- Free S/W upgrade by internet



Bionet

SPECIFICATIONS

ECG >>>

ECG leads	12 lead, 12 channel simultaneous ECG and acquisition
Dimensions	300(W) x 299(H) x 123(D) mm, approx.4 kg
Recording channel	3 channels + 1 rhythm, 3 channels + 3 rhythm, 6 channels + 1 rhythm, 12 channels + 1 rhythm, 60 seconds 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/sec
Sampling rate	2000 samples/sec
ECG analysis frequency	500 samples/second/channel
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, HR, Sensitivity, Speed, Date, AC or Battery state
User interface	Touch screen (Alphanumeric and symbol available), Keyboard, rotary push-knob(pop-up menu)
Patient data	ID, name, age, birth, gender, height, weight, smoke, department, room number, race
Recorder	Thermal print head, Z-fold paper Report papers : (width x length) - A4 : 210 mm (8.3") x 290 mm (11.4") - Letter : 215 mm (8.5") x 280 mm (11") Resolution - vertical : 8dot/mm - horizontal : 16dot/mm
Electrical	Resolution : 500 sample/sec. Internal noise: 20 μ V (p-p)max Input circuit : floating input Input impedance : \geq 10M Ω 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
Basic measurement	Heart rate, PR int, QRS dur, QT/QTc, P-R-T axis
ECG data storage	storage for 120 ECGs (Internal on flash memory), USB flash drive, SD card
Line power	Power supply : AC or built-in battery(option) 95 ~ 240 VAC, 50/60 Hz, 1.0 ~ 0.5A, 60W max
Battery [Li-Ion]	3 hours of normal use (approx. 300 ECG printouts)
Communication	PC connection with RS232 interface and LAN, USB memory, SD card, USB barcode scanner
Safety conformity	Class I, Type CF, KFDA, CE
Environmental	Operating humidity : 30~85%RH Operating temperature: 10 ~ 40 $^{\circ}$ C Atmospheric pressure: 70 ~ 106KPa
Standard accessory	Patient signal module 1 EA, Data cable 1 EA, 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, Patient signal module cradle, Wireless paper(Pack & Dongle), Wall mount package(Panel & Guide bar), Disposable electrodes, PC software, LAN cable, Cart, Hanger

* Specifications can be changed without prior notification



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