

Cardio7 7" TFT LCD 12CH interpretive resting ECG with Touch Screen

[Superior Advantages]

- 12Ch resting ECG • 7" wide & clear color TFT LCD screen(800X480) with 12ch preview
- Touch screen operation (Full alphanumeric keyboard support)
- Diagnosis level from adult to pediatric (All ages)
- One touch operation for analyzing, storing and printing result within 3 seconds
- Long term ECG recording for up to 10 minutes & Automatic arrhythmia detection
- USB Memory Storage, USB Barcode Scanner and USB Keyboard support
- HRV(Heart Rate variability) Analysis • Various standard file formats (JPG, PDF, XML, MFER, DICOM)
- Direct and bidirectional connectivity with PACS (Optional) • Spirometer function available (Optional)

User Convenience

- Lead fault & pacemaker detection • QRS sound available • Full disclosure function
- Change printing quality & quick printing option • Free S/W upgrade by USB memory

High-performance Measurement

- 12Ch resting ECG with 130 kinds diagnosis • Accurate interpretation with advanced Minnesota code
- Beat report for detailed interpretation

Data management

- Built-in memory for data storage & external USB memory storage
- Connection to data Management software BMS-Plus • Network Setting - Dynamic IP Support

* Li-ion rechargeable battery allows up to 2 hours (approx. 200 ECG printouts)



Specification

ECG leads	12 channel simultaneous ECG and acquisition
Dimensions	300(W) x 299(H) x 123(D) mm , Approx. 4 kg
Record	12ch. Auto, Rhythm, Disclosure , Arrhythmia Detect
Recording channel	3CH+1RHV, 3CH+3RHY, 6CH+1RHV, 12CH, 1CH Long Time(1min, 3min, 5min,10min) and Special Report
Sensitivity	2.5, 5, 10, 20, auto(1~aVF:10, V1~V6:5) mm/mV
Printing speed	5, 12.5, 25, 50, 100 mm/s
Sampling rate	2,000 sample per second
Filters	AC (50/60 Hz, -20dB or better), Muscle (25~35Hz, -3dB or better), Base line drift (0.05, 0.1, 0.2Hz, -3dB or better), Low pass filter (off, 40Hz, 100Hz, 150Hz)
Display	7" Color TFT wide display (800 x 480)
Monitor display	HR, ID, date, AC or Battery state, sensitivity, speed, number of saved data, printing form, rhythm lead
User interface	Touch screen, Hot Key, Barcode Scanner, USB Keyboard
Patient data	ID, name, age, sex, height, weight, smoke, race
Basic measurement	Heart rate, PR, QRS, 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
Signal quality control	Pacemaker pulse detection Lead fault detection, Signal saturation detection
ECG data storage	Internal Storage for 200 ECGs and external USB memory stick
Power	Input : 100-240 V~, 2-1A, 50/60Hz Output : 60 VA max
External link	LAN, 2 USB Port, WiFi
File format	PDF, JPG, XML, MFER, DICOM
Battery	Type : Replaceable and rechargeable, Lithium ion Capacity : 360 minutes of continuous operation without recording or 200 ECGs with charged during approximately 3 hours
Safety conformity	Class I, Type CF, CE, FDA, KFDA, CFDA, NCC
Standard accessory	Power cord (1EA), Patient cable (1EA), Limb 1Set (4EA), Chest ball 1Set (6EA), ECG gel (1EA), ECG paper (1EA), Operation manual (1EA), Diagnosis guide (1EA)

Features



Long term ECG recording & Automatic arrhythmia detection



USB Barcode Scanner



Built-in memory for data storage & external USB memory storage

