

ECG-1112

Twelve Channel Electrocardiograph

Technical Specifications

Input Circuit:	Floating, protection against defibrillator and pacemaker
Lead:	Standard 12 lead
Input Impedence:	≥ 50M Ω
Input Circuit Current:	≤ 50nA
Calibration Voltage:	1mV ± 2%
Depolarization Voltage:	± 500mV
Ampling Rate:	1.0ms(1000Hz)
A/D Convector:	12bits
Frequency Response:	0.05Hz~165Hz (-3dB)
Time Constant:	>3.2s
Noise Level:	≤ 15μVp-p
CMRR:	> 100dB
Digital Filters:	HUM, EMG, ADS
Sensitivity:	Auto, 2.5, 5, 10, 20mm/mV (± 2%)
Measurement:	Heart rate, PR Int., Vent. Rate, P/QPS/T Axis
Patient Data:	Date, time, ID, name, gender, age, height, weight, blood pressure, etc.
System Data:	Sensitivity, paper speed, filter on/off, hospital name, etc.
Print-out:	Waveform, waveform + measurement report, or waveform + measurement report+analysis report
Printing System:	High speed, high sensitivity thermal matrix printing system
Paper Speed:	6.25,12.5, 25, 50mm/s (± 3%)
Printing Paper	216mm x 30m roll paper, or 216mm x100 mm x 200 pages Z-fold paper
Power Supply	
AC:	100V-240V (50/60Hz)
DC:	19V/3.5A
Battery:	14.4V/4400mAh, built-in rechargeable lithium batter, over 2 hours working time
Safety Standard:	IEC, Class I, Type CF

Size & weight

Carton Size:400 x 180 x 355mm

Net Weight: 3.5Kgs

Gross Weight: 5.5Kgs

Option

PCECG-500A work station software

SD card

Carrying bag

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Specification subject to change without prior notice



Carewell Co., Ltd.

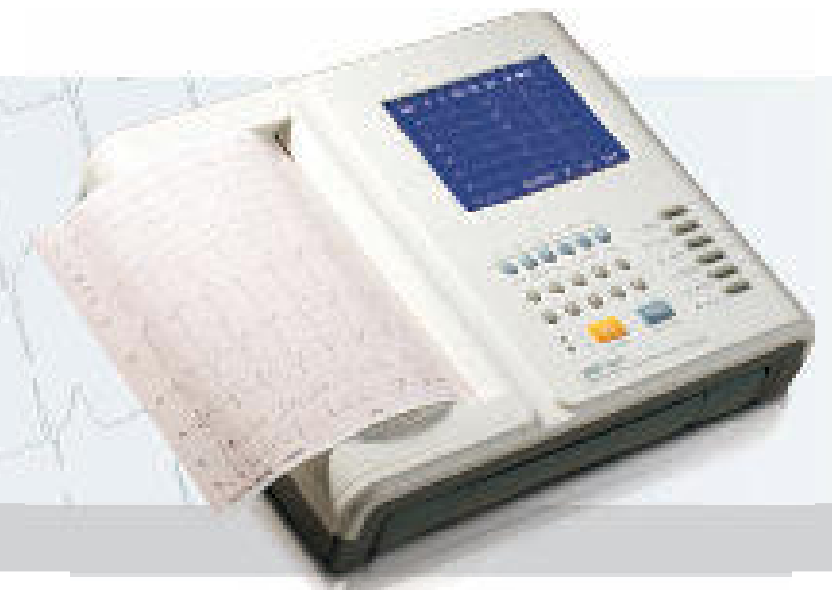
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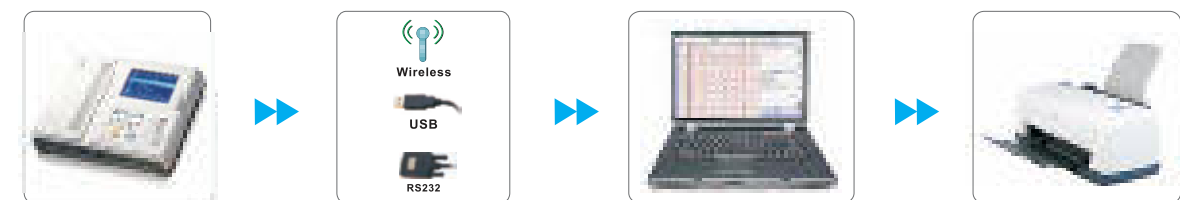
Features

- Simultaneous acquisition of 12-lead ECG data, real-time recording and printing of 12-channel ECG waveform
- Graphic display of 12-lead ECG waveform
- Built-in analysis software of age which assures accurate analysis result
- Auto-measurement, auto-interpretation, waveform playback and storage of ECG data
- RS232 and USB interface cope with data-share or remote data management requirement
- Option wireless function makes more convenient communication with PC
- User friendly operation system contributed by built-in HELP function
- Literal and graphic operation interface
- Powerful filters to minimize interference
- Heart rate measurement and pace-maker protection circuit
- Multi-printing formats: manual/automatic, standard 12 channel, 3 channel plus 3 rhythm lead, 6 channel, 6 channel plus rhythm lead, 60s analysis of arrhythmia, R-R histogram, trend graph
- AC, DC or built-in lithium battery power supply, alarm of battery weak and lead-off
- Comfort and durability contributed by silicon gel keypad
- Tremendous ECG data can be saved in built-in SD card

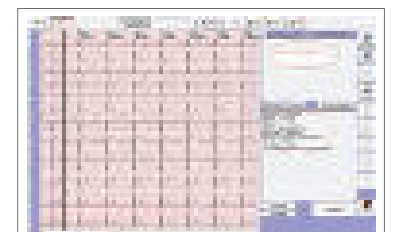
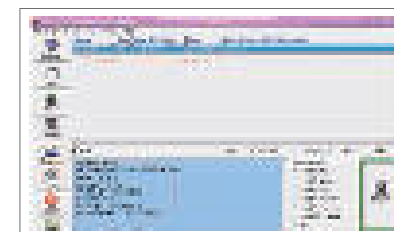


Multi-connecting Mode

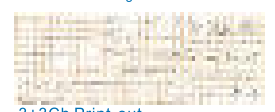
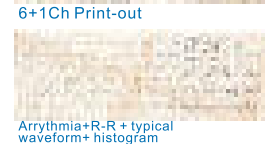
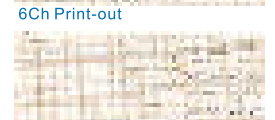
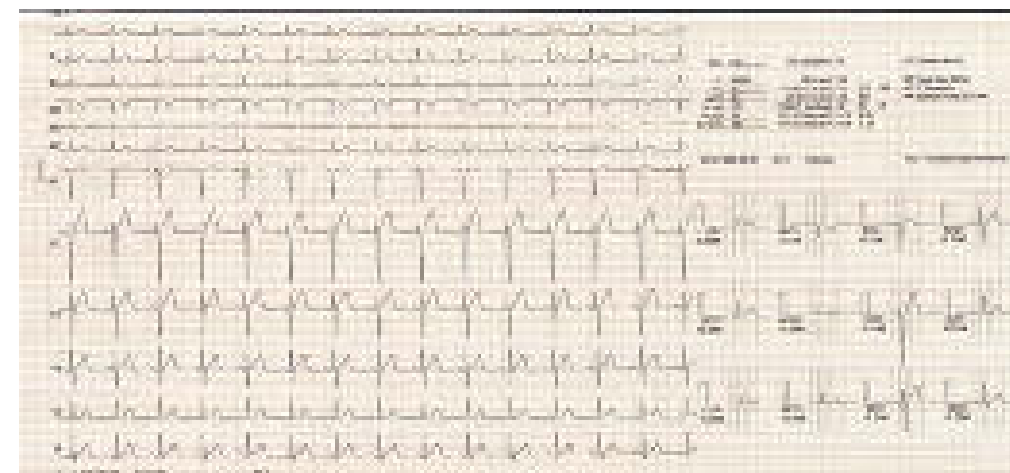
Real-time ECG data can be transmitted to PC via ports of USB/ RS232 and wireless case. ECG data can be further analysed, shared through internet or printed out with A4 paper.



Communication with PC



Multi-Printing mode



6Ch Print-out

6+1Ch Print-out

Arrhythmia+R-R + typical waveform+ histogram

3+3Ch Print-out