

# 12- Channel Electrocardiograph

## Technical Specifications

Screen Size:	6 inch
Input Circuit:	Floating, protection against defibrillator and pacemaker
Lead:	Standard 12 lead
Input Impedence:	≥50MΩ
Input Circuit Current:	≤50nA
Patient Current Leakage:	<10μA
Calibration Voltage:	1mV±2%
Depolarization Voltage:	±500mV
Sampling Rate:	1.0ms(1000Hz)
A/D Converter:	12 bits
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, 20, 40mm/mV (±2%)
Measurement:	Heart rate, PR Int., Vent. Rate, P/QRS/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	210/216mm roll 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:	415 x 195 x 380mm
Net weight:	3.5Kgs
Gross weight:	5.5Kgs

## Standard configurations

Main unit	Limb electrode	Dust cover	PCECG-500 workstation software
Patient cable	Thermo paper	Rechargeable battery	Aluminum trolley
Chest electrode	Paper roller	Screw driver	Carry bag

## Options



## Digital 12-channel Electrocardiograph



## Digital Electrocardiograph

### Main features

- Design patent, software patent
- Application of CSE & AHA database, reliable measurement and analysis results
- 12-lead simultaneous acquisition and display
- 6" LCD screen with tilted 6° wider angle view to observe 12-lead ECG waveforms
- Protection circuit against defibrillator effect
- Auto LCD backlight to extend LCD life
- Medical silica gel operation button with ergonomic layout
- Pre-10-second printing to print out any abnormal ECG waveform
- Unique 6CH+P printing mode, convenient for physical examination and copy report on A4 paper size
- 3 kinds of operation mode: AUTO, MAN and ANA
- 4 kinds of filter: HUM, EMG, Low, pass, and ADS
- Built-in rechargeable lithium battery for at least 2 hours continuous operation
- 2 types lead mode: Standard and Cabrera
- 1008 ECGs internal memory with SD card
- Communication with PC for ECG data management via RS232 or USB(Optional)

# Digital 12-channel Electrocardiograph



## • Ergonomic design

Alphanumeric keyboard with one touch operation.  
The layout of the keyboard is designed according to use frequency.  
Tilted 6° LCD display to better observe the ECG waveforms.



## • PC-based data management software



9 export formats



System setting



Print preview

## • Data transmission

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



## • Multi-Printing mode

