



ECG-1112M/ECG-1112

Digital 12-channel Electrocardiograph



Digital Electrocardiograph

Features

- 7" inch LCD display ,12-lead simultaneously acquisition
- 6000 ECG files can be saved in the ECG
- Freeze, Pre-10-second print and Trigger print function to observe any abnormal ECG waveforms
- Quick acquisition and stability, waveforms get stable within 3s
- HR detection alarm and pacemaker detection supported
- Cine-loop function: saved ECG waveform can be played back
- Auto-save function: users can choose whether to automatically save the files with the printout or not
- Support magnetic card reader, bar code scanner, transferring information conveniently
- Support external laser printer to achieve A4 size report output
- Data management software on PC(optional)
- Reliable automatic measurement & Interpretation tested with CSE&AHA data base

ECG-1112M/ECG-1112

Twelve Channel Electrocardiograph

Technical Specifications

Safety standard:	MDD93/42/EEC, IEC60601-1	Safety level: class I, Type CF
Display:	7 inches 800×480 color LCD (touch screen)	
Input circuit:	Floating, protection against defibrillator and pacemaker detection	
Lead:	12 standard leads	
Input impedance:	≥100MΩ(10Hz)	
Input circuit current:	≤10nA	
Patient current leakage:	≤10μA(a.c.)	
Calibration voltage:	1mV±2%	
Depolarization voltage:	±900mV, ±5%	
Sampling rate:	32, 000 point / sec per channel	
A/D convertor:	24 bits	
Frequency response:	0.01Hz~350Hz	
Time constant:	≥5s	
Noise level:	≤15μVp-p	
CMRR:	≥140dB(AC filter on,common mode point voltage 450Vp-p) ≥120dB(AC filter off)	
Digital filters:	HUM, EMG, ADS, Lowpass	
Sensitivity:	Auto, 2.5, 5, 10, 20,40 (mm/mV) ±5 %	
Measurement:	HR, PR/QT/QTc Interval, P/QRS/T Axis etc.	
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, waveform + measurement report+analysis report, etc	
Printing system:	High speed, high sensitivity thermal matrix printing system	
Paper speed:	5/6.25/10/12.5/25/50mm/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 battery, over 3 hours working time	

Size & weight

Carton size: 415 x 195 x 380mm

Net weight: 3.5Kgs

Gross weight: 5.5Kgs

Model	Screen	User interface	Recording paper	Network Port
ECG-1112M	7 inches, color LCDtouch screen	Colored	216mm, 210mm	Wired network Wi-Fi network
ECG-1112	7 inches, color LCDtouch screen	Colored	216mm, 210mm	Wired network

Shenzhen Carewell Electronics Co., Ltd.

※ Specification subject to change without prior notice

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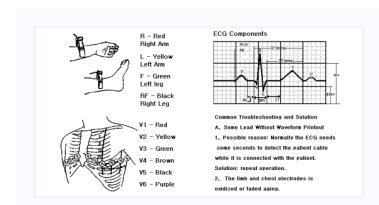




● Built-in Help function

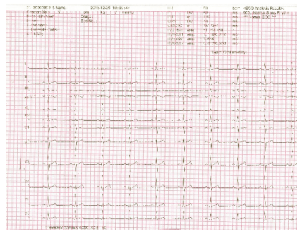
General knowledge on ECG operation and trouble-shooting are built-in the ECG machine.

The user just needs to press Help key to read helpful information, 4 pages in total.

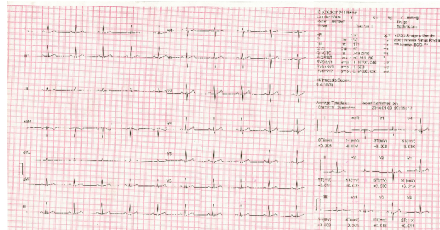


● Various print types

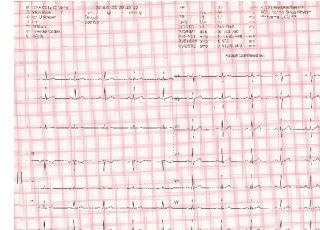
- Eight types under AUTO mode: 12x1, 12x1+P, 6Tx2, 6x2+1rhy, 6x2+1rhy+P, 3x4+3rhy, 3x4+1rhy+P, Template+P
- "...+P" mode: when user choose "...+P" mode, the ECG report will be A4 size and print time will be shorter.



12x1+p (A4 Size)



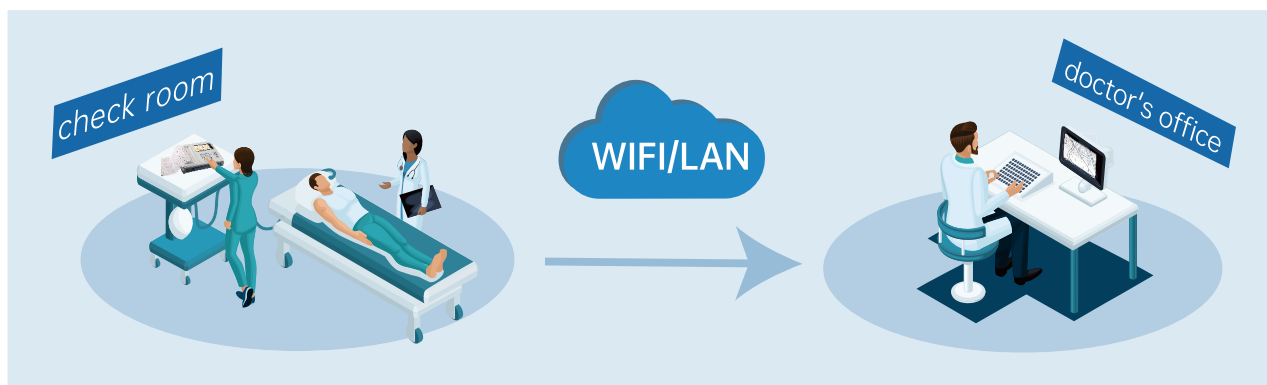
6X2+1rhy



6x2+1rhy+p (A4 Size)

● Communicate with PC for ECG date management(option)

ECG data can be transferred via WIFI/LAN to Lepu ECG workstation AI ECG Platform for analysis, storage and printing.



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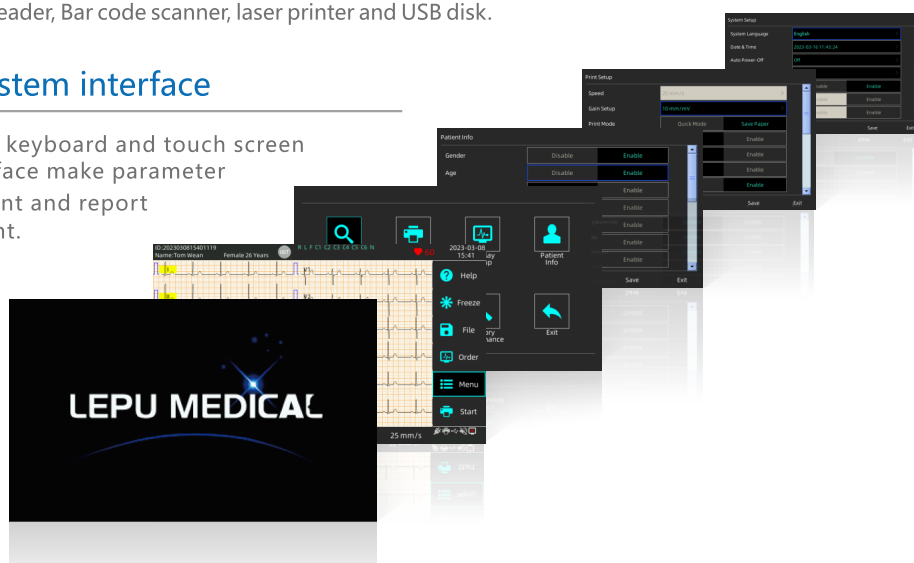
● Outstanding Features of ECG-1112M&1112

- Application of CSE & AHA database, reliable measurement and analysis results
- Multiple acquisition modes satisfy various clinical requirements;
- quick acquisition, waveforms get stable within 3s;
- full keyboard, touch-screen operation;
- any lead can be set as rhythm lead;
- 60s or 180s rhythm waveform can be acquisitioned for precise analysis;
- ST segment report and Minnesota code provide abundant reference information for accurate clinical diagnosis;
- Various print types: 12x1, 12x1+P, 6Tx2, 6x2+1rhy, 6x2+1rhy+P, 3x4+3rhy, 3x4+1rhy+P, Template+P;
- Support magnetic card reader, Bar code scanner, laser printer and USB disk.



● User-friendly system interface

Two operating modes of keyboard and touch screen with new software interface make parameter setting, case management and report printing more convenient.



● Portable design and multiple data transmission methods

7" HD LCD display, equipped with thermal dot matrix printer, support AC and DC power supply, stylish design, lightweight and portable USB interface, convenient data transfer, storage, external barcode scanner, laser printer, to meet the rapid and accurate input of patient information, while the printing of A4 paper reports can be achieved.



Portable and compact design



Soft, silicon-gel alphanumeric keyboard



USB



Bar Code Scanner



Laser printer