



Digital Electrocardiograph

e1200/e1200plus

12 Channel ECG machine

e1800/e1800plus

18 Channel ECG machine

Simultaneous 18-channel ECG machine:

Increase the sensitivity of acute myocardial infarction and reduced mortality.

Rapid diagnosis of left posterior ventricular infarction or of inferior infarction associated with right ventricular.

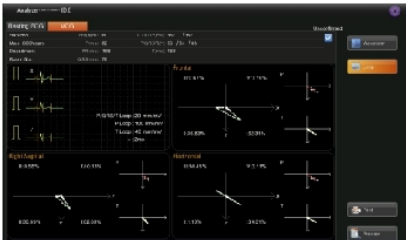


Touchscreen

One touch operation



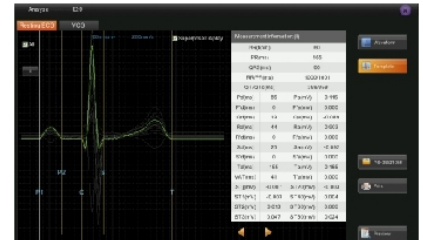
Patent design minimize lead wires tangling



VCG



900 seconds review



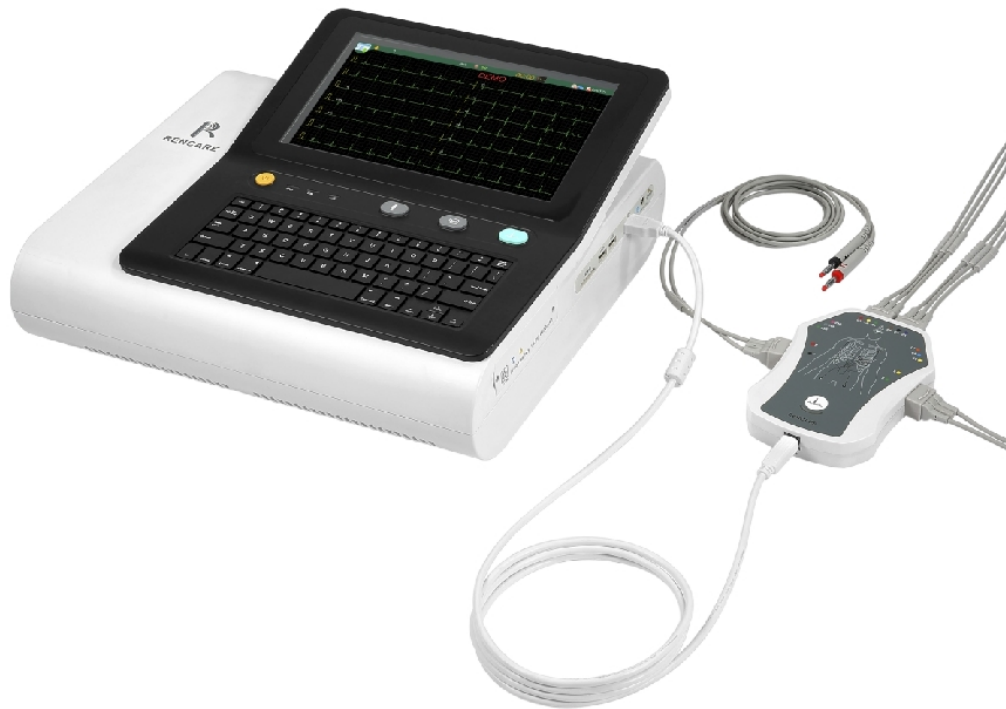
Editable template & Re-diagnosis

Model options:

	e1200	e1200plus	e1800	e1800plus
7" LCD Touchscreen	●	⊙	●	⊙
10.1" LCD Touchscreen	⊙	●	⊙	●
12 Channel ECG (9/12leads)	●	●	⊙	⊙
18 Channel ECG(9/12/15/18 leads)	⊙	⊙	●	●



Meet your high-end ECG requirements



Outstanding features:

- » Design patent, software copyright patent
- » Full keyboard, Large touch screen operation (1024*600 resolution)
- » Advanced STEMI diagnostic tools for 18 channel ECG interpretation
- » Advanced Might-gold algorithm for automatic accurate measurements and interpretation (tested by CSE/AHA/MIT database)
- » Sampling rate up to 16000Hz, pacemaker detection
- » High accuracy: Accurate capture every signal with 24 bits A/D converter
- » 15 minutes real-time ECG waveform freezing and review, never miss a beat
- » Supporting 9/12/15/16/18-lead ECG configurable
- » Supporting accurate digital filter to decrease the polarization voltage and other interference
- » Save up to 1000 ECG records internally (expandable to SD card and USB flash-disk)
- » Advanced ECG analysis: VCG/TVCG/VLP/HRV/Pharmacological Study(optional)
- » Support DAT、SCP、PDF、XML、HL7、DICOM and worklist , connecting with HIS seamlessly
- » External sampling box & power supply highly improved the accuracy and stability of the acquisition
- » Large-capacity Lithium-ion battery use for more than 3 hours on one charge
- » External USB printer , Keyboard, Mouse, Bar-code scanner support etc
- » Data transfer to PC directly by Ethernet, Wi-Fi or USB
- » Data upload to HIS or server automatically through FTP software or Might-net ECG management system

Technical Specifications

Display

Resolution	1024*600 dots
Type	7 inch TFT screen (e1200/e1800); 10.1 inch TFT screen(e1200plus/e1800plus)
Operation	Touchscreen

Requisition

Leads	9/12leads for e1200/e1200plus, 9/12/15/18leads for e1800/e1800plus
Sampling Frequency	16000HZ
A/D Resolution	24bits
HR Range	30~300BPM
Accuracy	1BPM
Time Constant	≥3.2s
Input Circuit Current	≤0.01μA
Input Voltage Range	±5mVp-p
Calibration Voltage	1mV±2%
DC Offset Voltage	±600mV
Input Impedance	≥50MΩ(10HZ)
CMRR	≥120dB
Frequency Response	0.01~300Hz
Noise	≤12.5μV(P-P)
AC Filter	50Hz/60Hz/Off
DFT Filter	0.01HZ/0.05HZ/0.32HZ/0.67HZ
EMG Filter/Low-pass	25Hz/35Hz/45Hz/75Hz/100Hz/150Hz/270Hz/300Hz
Pacemaker Detection	Amplitude:±750uV~±700mV; Width: 50us~2.0ms; Sampling Frequency:16000HZ

Power

Power supply	AC input with external power adapter 100V-240V
AC frequency	50/60Hz
Battery	Rechargeable Lithium-ion battery, 4400mAh
Capacity	More than 3 hours continuous operation or 400 ECGs printing

Printer

Gain	2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, 10/5mm/mV, AGC±5%
Speed	5 mm/s, 6.25 mm/s, 10 mm/s, 12.5 mm/s, 25mm/s, 50mm/s (± 3%)
Recorder	Thermal dot-matrix recorder
Printing Density	8 dots per mm / 200 dots per inch (amplitude axes) 40 dots per mm / 1000 dots per inch (time axes, @ 25 mm/s)
Recorder Paper	Folded thermal paper: 210 mm × 295 mm × 100 pages 215 mm × 280mm × 100 pages (optional)

Physical

Dimension	370*340*142mm
Weight	4.9KGS

Safety

Anti-electric-shock degree	CF type with defibrillation-proof, class I equipment
Defibrillation-proof recovery time	≤5s
Patient Leakage Current	NC: ≤10uA(AC)/ ≤10uA(DC) SFC: ≤50uA(AC)/ ≤50uA(DC)
Patient Auxiliary Current	NC:≤10uA(AC)/ ≤10uA(DC)



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