

# iMAC1200

High-end 12-Ch ECG Machine



**zoncare**  
FDA CE ISO9001

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# iMAC1200

High-end 12-Ch ECG Machine

- Digital Sampling Rate:32000Hz
- A/D Conversion: 24 bits
- 1s baseline stability
- Frequency Response:0.01-350Hz
- Support double-pole pacemaker detection
- Support thermal folded paper
- Original iFilter™ adaptive filtering technology has greatly improved the ECG signal quality
- Glasgow ECG analysis algorithm
- ST segment elevation myocardial infarction diagnosis ability is in the industry leading position
- Support advanced analysis function like VCG, Time VCG,VLP etc.

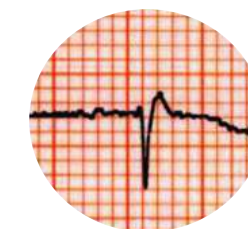
Recording weak signal accurately



Single-Chamber Pacing

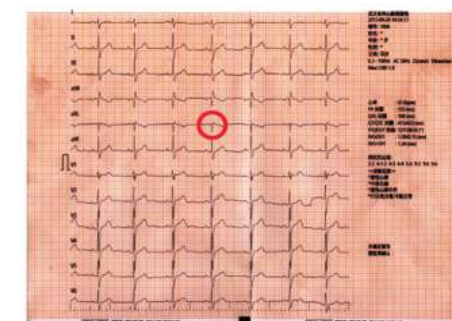
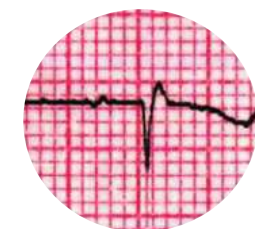


Dual-Chamber Pacing

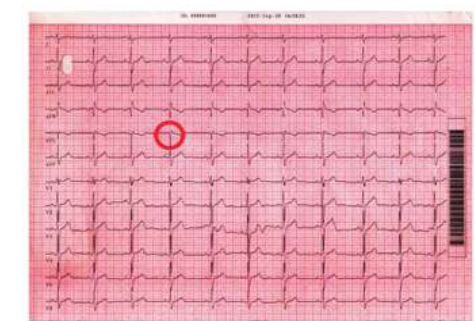


Waveform Comparison

VS



iMAC ECG Machine



Other Brand ECG Machine

AHA and CSE database Certified

Auto analysis validation results								
	P-wave time limit (ms)		PR Interval (ms)		QRS Complex (ms)		QT Interval (ms)	
	Average Deviation	Standard Deviation	Average Deviation	Standard Deviation	Average Deviation	Standard Deviation	Average Deviation	Standard Deviation
iMAC results	0.5	9.3	-1.9	7.0	0.1	4.9	4.5	12.2
IEC60601-2-51 latest requirement	±10	15	±10	10	±10	10	±25	30



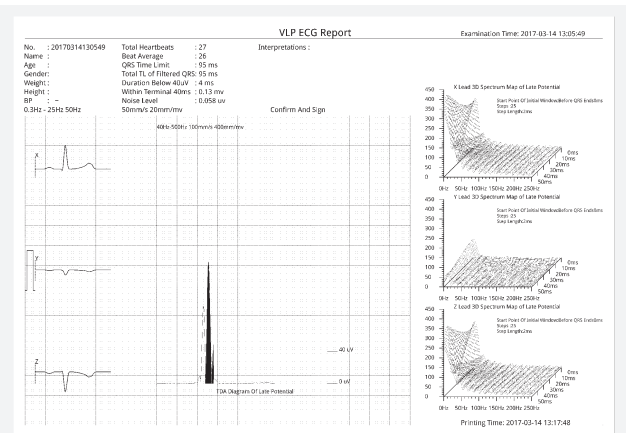
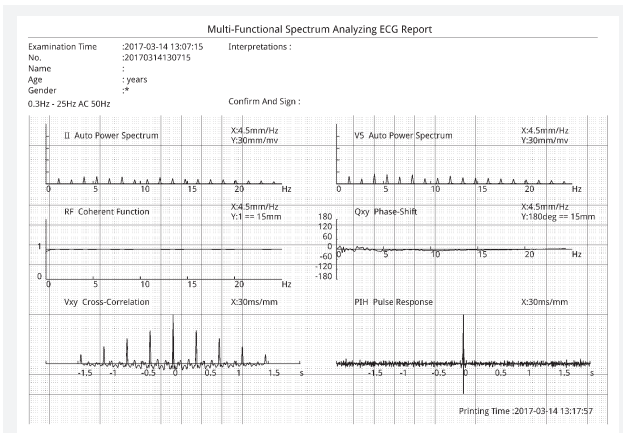
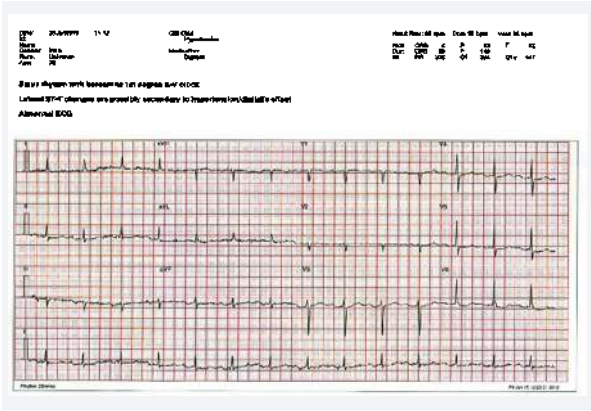
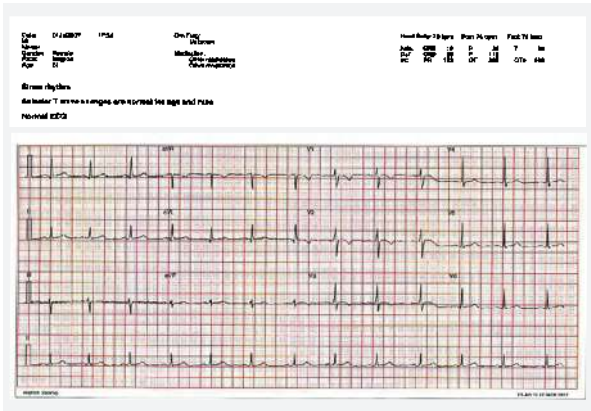
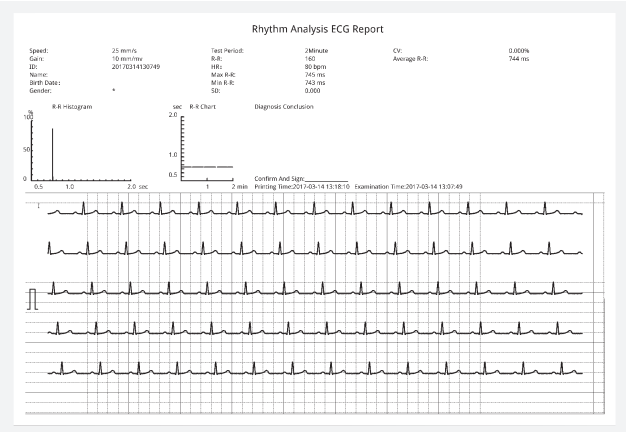
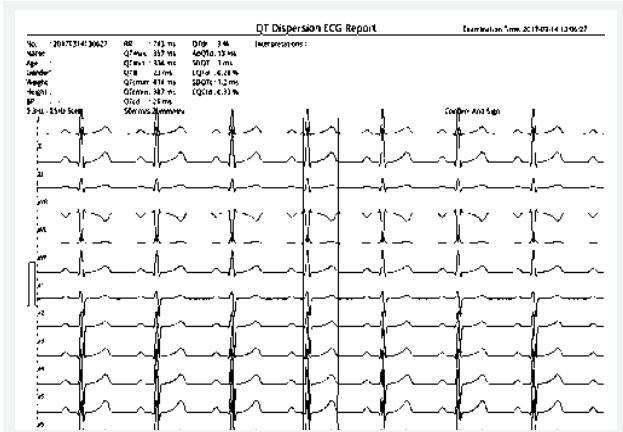
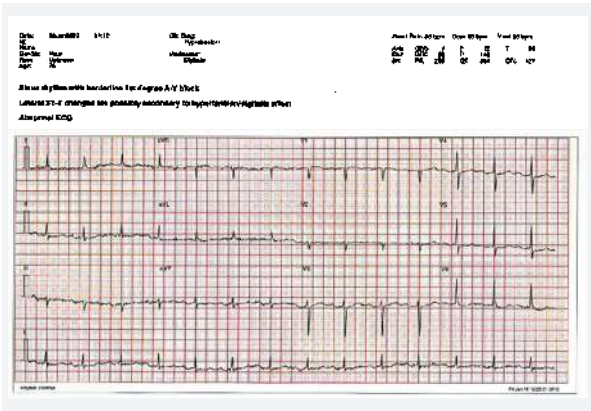
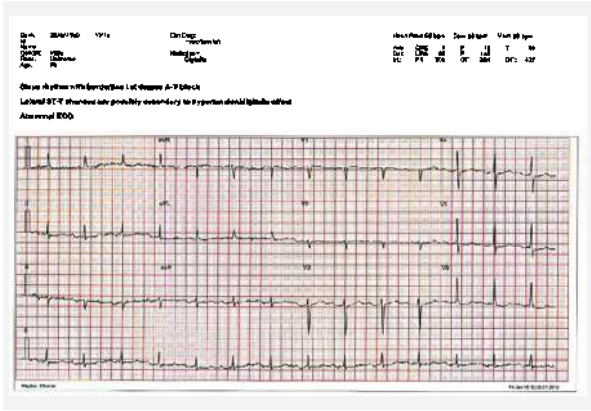
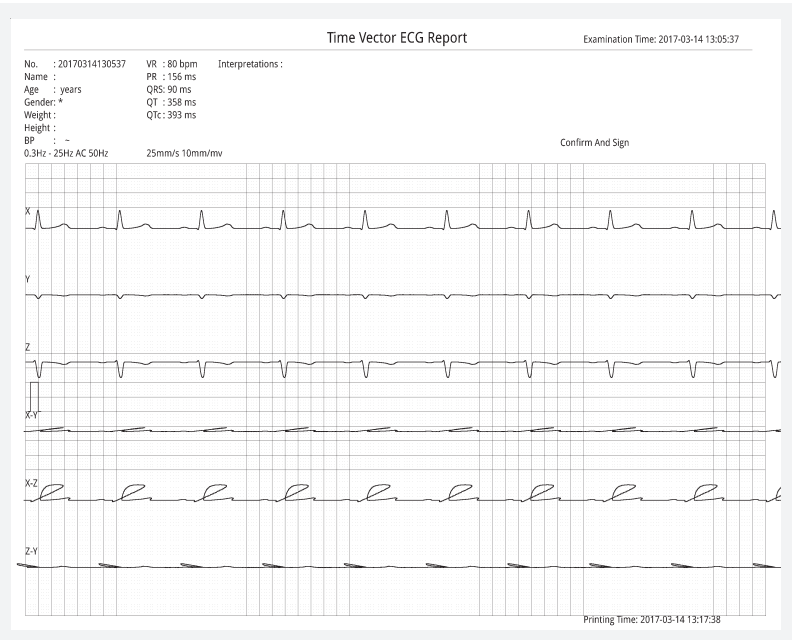
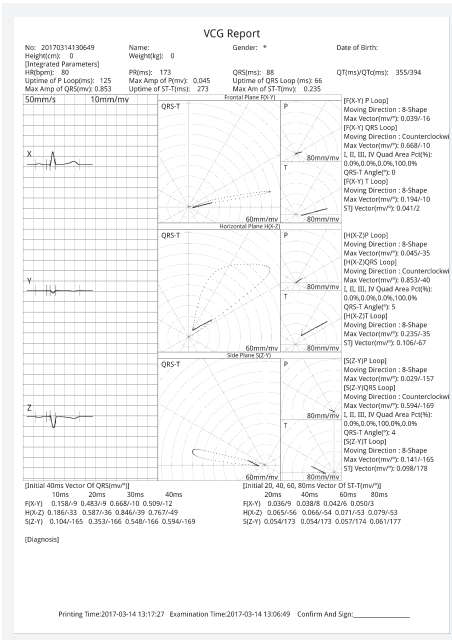
Glasgow algorithm efficiently improves the accuracy of the measurement and credibility of auto-analysis

More specific than cardiologists in reporting STEMI

Comparison of 601 male myocardial infarction patients diagnosis		
Age Group	iMAC automatic diagnostic effective rate	Cardiologists diagnostic effective rate
18-39	100%	87%
40-49	96%	87%
50-59	93%	90%
60-69	93%	82%
70-79	92%	91%
≥80	91%	93%

Only this algorithm utilizes age, gender, race, clinical history in making an interpretation

Support advanced analysis function like VCG, Time VCG,VLP etc.





15 inch large high resolution LED screen  
Standard fundamental grid design

Intuitive and convenient workflow design

F1~F7 shortcut buttons

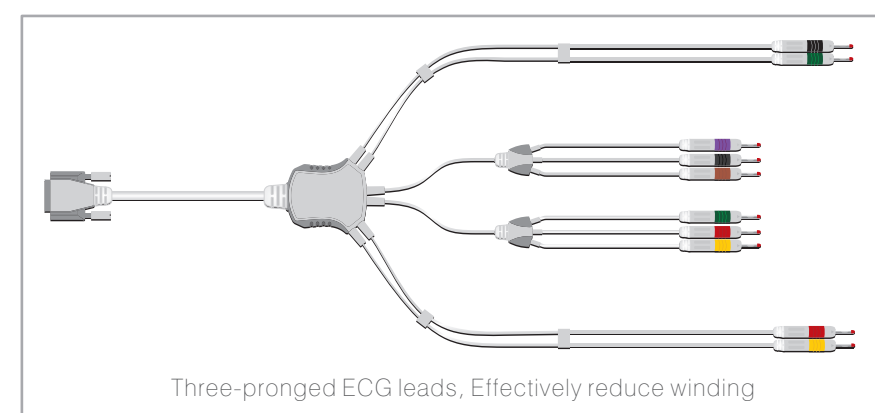
Standard alphanumeric keyboard

Trackball

## Innovative Ergonomic Design



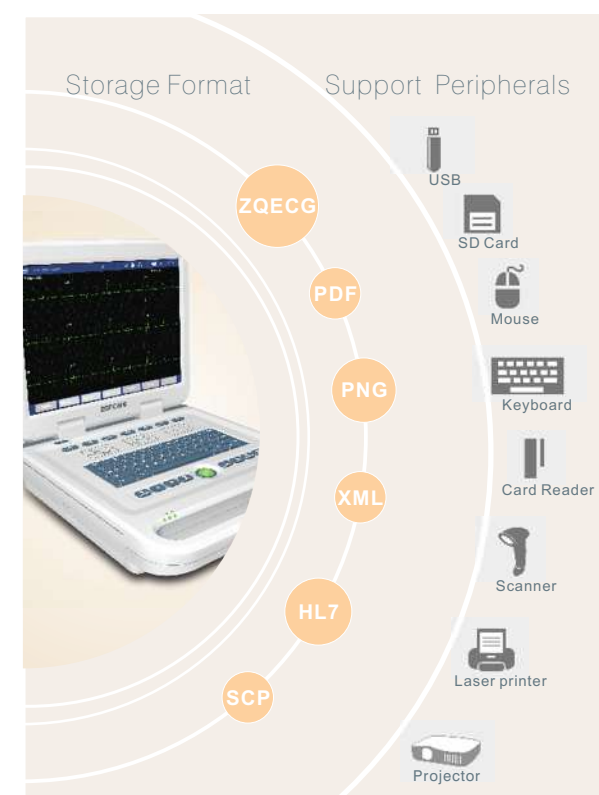
Portable



Three-pronged ECG leads, Effectively reduce winding



Trolley



Support connecting with HIS, EMR, PACS and other hospital information system without PC workstation

