



# ZONCARE

## iMAC 1200

High-end 12-Ch ECG Machine



**SAIMAA MEDICAL®**

ПЕРЕДОВЫЕ ТЕХНОЛОГИИ НА СТРАЖЕ КРАСОТЫ И ЗДОРОВЬЯ ЧЕЛОВЕКА



# iMAC 1200

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.

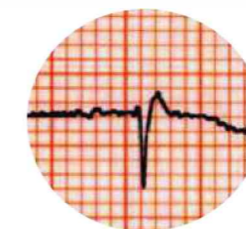
Recording weak signal accurately



Single-Chamber Pacing

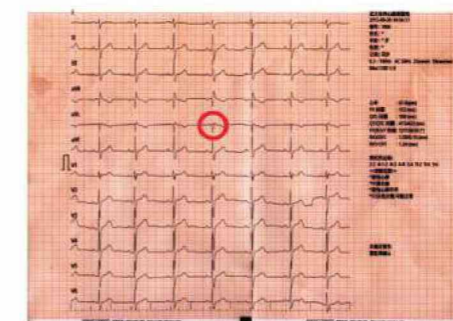
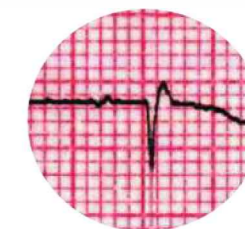


Dual-Chamber Pacing

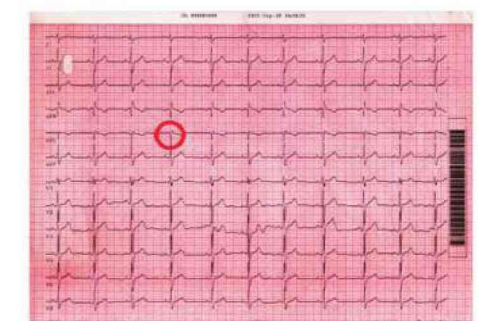


Waveform Comparison

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

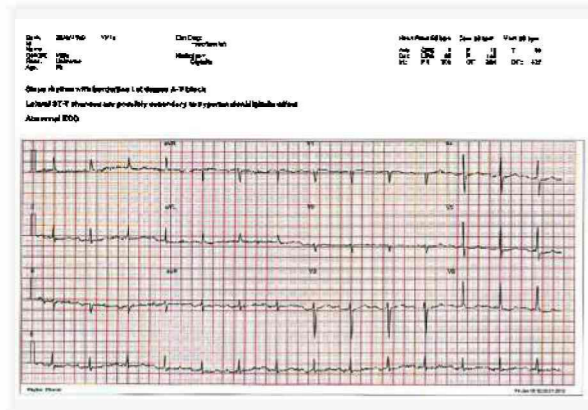
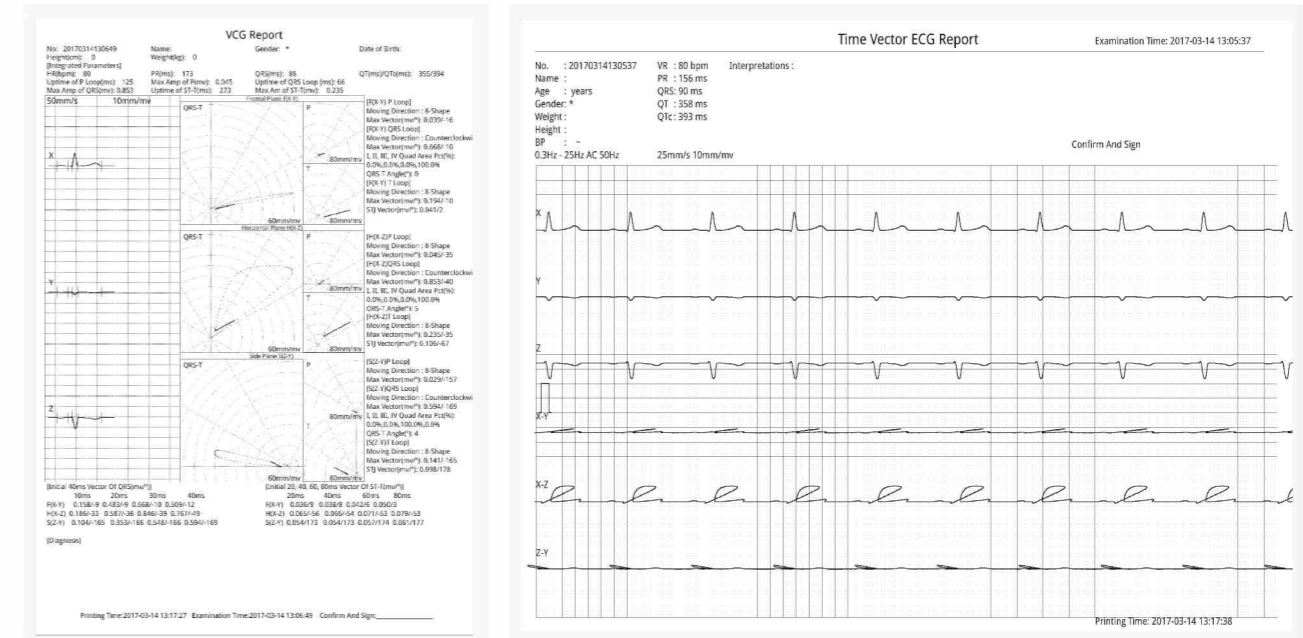
Glasgow algorithm efficiently improves the accuracy of the measurement and credibility of auto-analysis

More specific than cardiologists in reporting STEMI

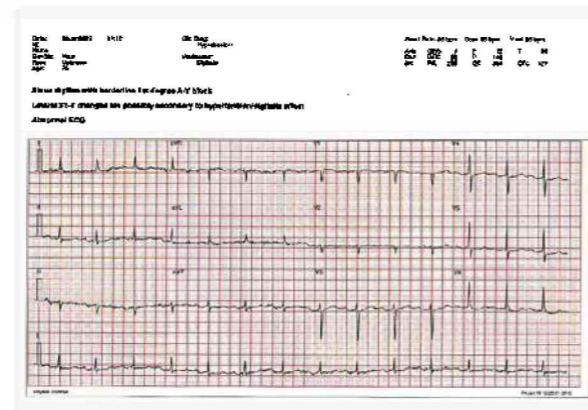
Comparison of 601 male myocardial infarction patients diagnosis			
Age Group	IMAC automatic diagnostic effective rate	Cardiologists diagnostic effective rate	
18-39	100%	87%	
40-49	96%	87%	
50-59	93%	90%	
60-69	93%	82%	
70-79	92%	91%	
≥80	91%	93%	

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

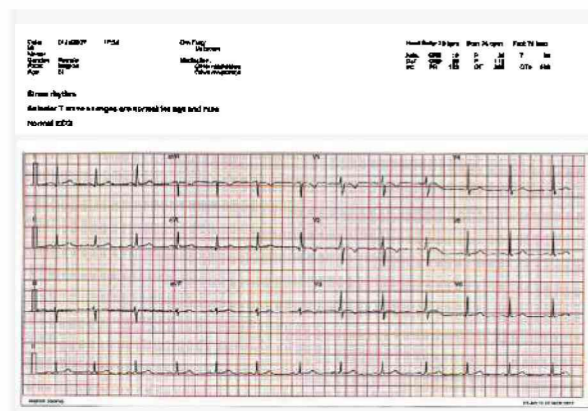
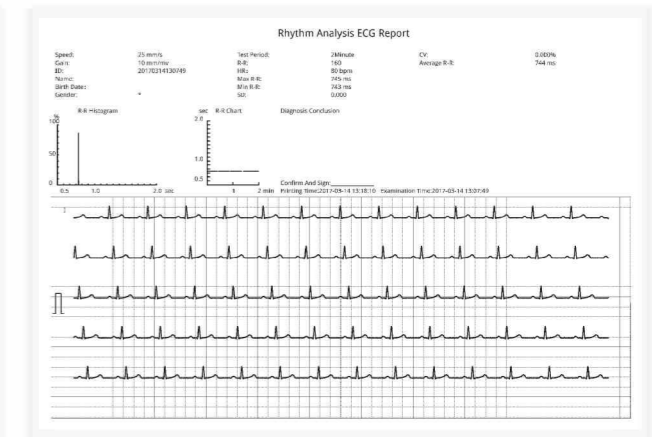
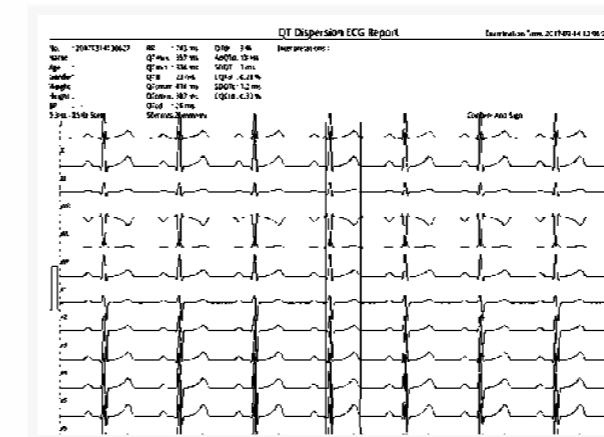
Support advanced analysis function like VCG, Time VCG, VLP etc.



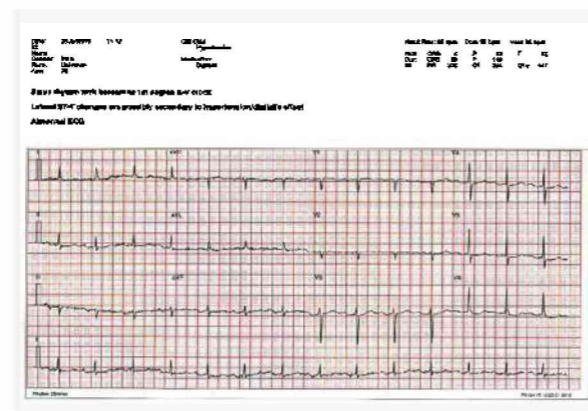
Diagnosis utilizes gender



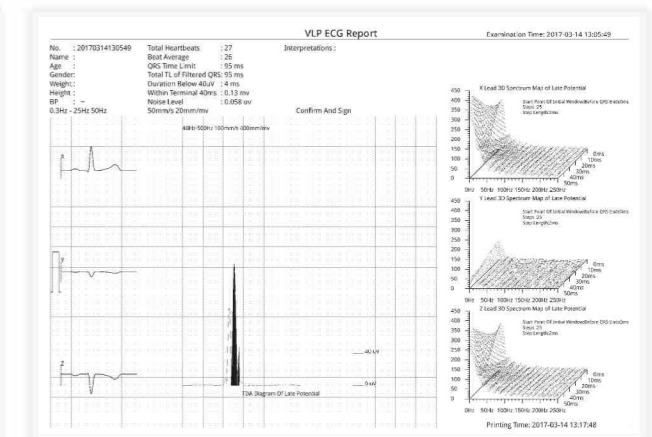
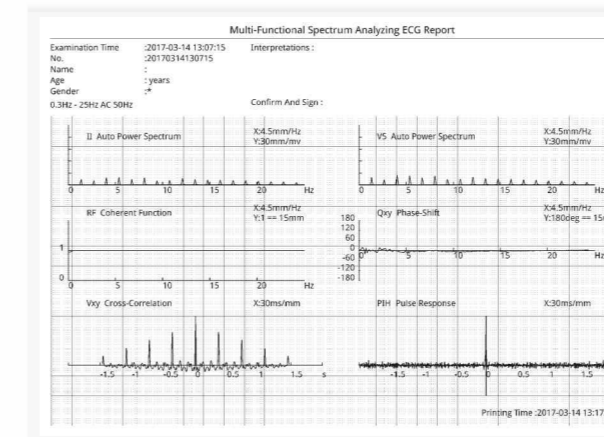
Diagnosis utilizes age



Diagnosis utilizes race



Diagnosis utilizes medication history



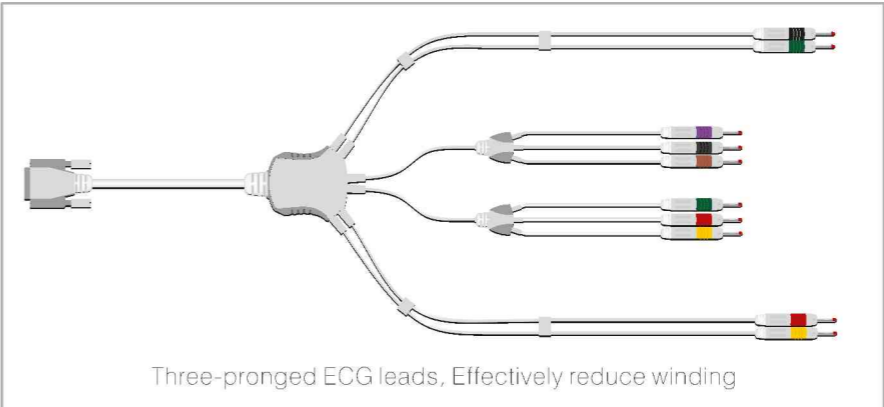
Innovative Ergonomic Design



- 15 inch large high resolution LED screen  
Standard fundamental grid design
- Intuitive and convenient workflow design
- F1~F7 shortcut buttons
- Standard alphanumeric keyboard
- Trackball



Portable



Three-pronged ECG leads, Effectively reduce winding



Trolley

