

A female healthcare professional with brown hair tied back, wearing a white lab coat over a grey shirt, stands in a hospital hallway. She is looking directly at the camera. To her right is the iMAC 300 machine, which has a white top with a digital display and a silver stand with orange handrails. The hallway has a blue floor and white walls with recessed lighting. A blurred figure of another person is visible in the background.

iMAC 300

Practical and Intelligent
3-Ch ECG Machine

zoncare

Ergonomic Design

iMAC 300 integrates practicability, aesthetics and intelligence in one.
It's a high cost-effective 3-Ch ECG machine.

1.2kg light-weight body makes it easy to take anywhere

5-inch HD LCD screen with grid background

Support thermal printer direct printing, roll paper and Z-fold paper design

Optional waterproof and pressure-proof suitcase

Optional Trolley

Support paperless option and local storage of over 1500 case reports

Equipped with alphanumeric keyboard and 9 shortcut keys, fully consider your clinical needs





Performance



Traditional ECG

iMAC

Accurate Waveform

- 12-lead synchronous acquisition and display
- Digital sampling rate is up to 32000Hz
- A/D converter reaches 24 bits
- 0.01-350Hz ultra-wide frequency response could acquire signals of patients from pediatric to elder
- Original iFilter™ adaptive filtering technology greatly improves the ECG signal quality

Glasgow Algorithm

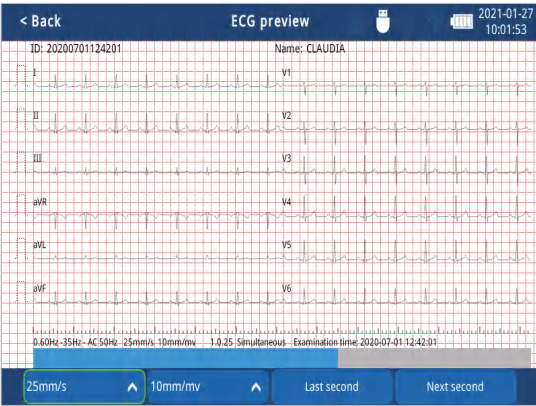
The Glasgow ECG algorithm has more than 40 years history and is considered as one of the top 3 resting ECG interpretive algorithms in the world. It can achieve auto-diagnosis. With its powerful database, the Glasgow Algorithm can provide more accurate diagnosis based on gender, age, race and medication history. In addition, the Glasgow algorithm has been shown to be more sensitive and specific for detecting ST elevation MI than ESC/AAC criteria.

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University
of Glasgow

Function

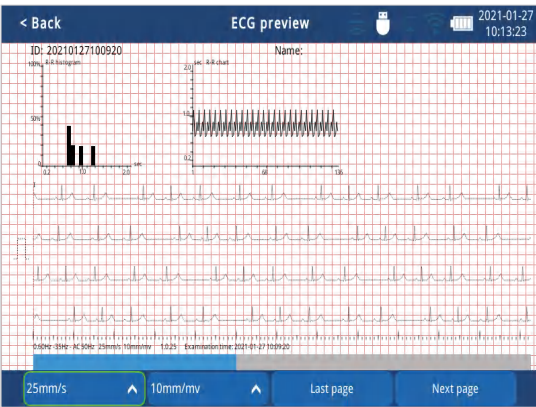


With report preview function, clinicians can ensure signal quality, adjust waveform display, and edit interpretations.

The report management screen shows a list of ECG reports. The patient ID is 20200701124201 and the name is CLAUDIA. The date and time are 2021-01-27 10:01:08. The screen includes a status bar at the bottom with buttons for Preview, Delete, Local, Transfer, and Refresh.

	ID	Name	Gender	Type	Status
1	20200701124201	CLAUDIA		ECG-12	
2	20200701124105	DEDEMONA		ECG-12	
3	20200701123933	CECILIA		ECG-12	
4	20200701123845	DANA		ECG-12	
5	20200701123658	JACK		ECG-12	

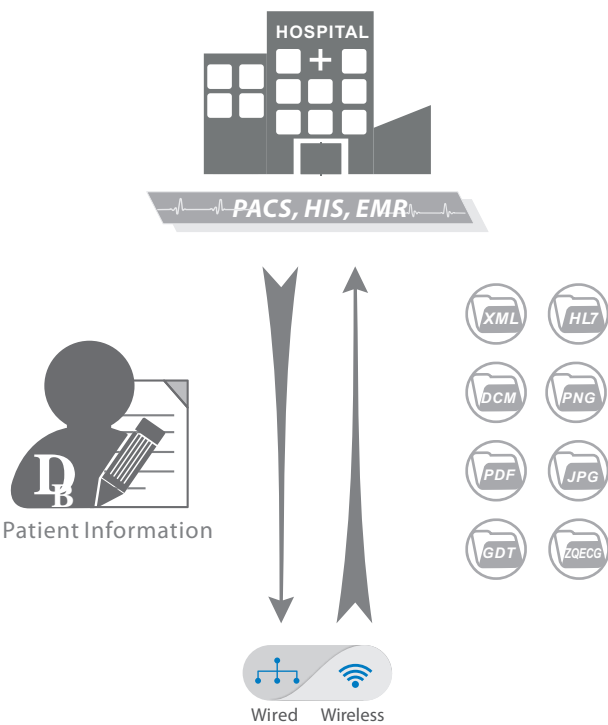
With report management function, it supports report preview, editing, printing, and transmitting.



Support real-time, pre-sampling and triggering-sampling. And R-R Histogram and R-R chart are available.

Connectivity

iMAC 300 could connect to network by WiFi and wired way. The report could be transmitted in PNG/ DCM/ XML/ HL7/ PDF/ JPG/ GDT/ ZQECG formats to hospital information system through international standard transmission protocol such as Dicom, HTTP, SAMBA directly.



DICOM, HTTP, SAMBA



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