

# iMAC 120 12-Channel ECG Machine

Professional 12-Channel ECG System for Advanced Cardiac Diagnosis



## Product Overview

The iMAC 120 is a professional 12-channel electrocardiograph designed for high-volume clinical environments. Combining simultaneous 12-lead ECG acquisition, advanced Glasgow ECG interpretation, a responsive 10.4-inch colour touchscreen, and comprehensive digital connectivity, it supports fast, accurate cardiac assessments while improving workflow across hospitals, specialist clinics, emergency departments, and outpatient services.











## Why Choose the iMAC 120 ?

- Simultaneous 12-lead ECG acquisition
- Large 10.4-inch colour touchscreen
- Full QWERTY keyboard for efficient data entry
- Advanced Glasgow ECG interpretation
- Integrated high-resolution thermal printer
- Foldable carry handle with adjustable viewing stand
- More than 10.5 hours of continuous battery operation
- Stores over 20,000 ECG reports
- Wi-Fi, LAN, USB, HL7 & DICOM connectivity
- Ideal for hospitals, specialist clinics and emergency departments

## Clinical Applications

-  Hospitals
-  Cardiology Departments
-  Emergency Departments
-  Medical Centres
-  Specialist Clinics
-  General Practice
-  Health Screening Services
-  Mobile Healthcare

## Feature Highlights

-  Simultaneous 12-Lead ECG Acquisition
-  10.4-inch Colour Touchscreen Display
-  Full QWERTY Keyboard
-  Integrated Thermal Printer
-  Advanced Glasgow ECG Interpretation
-  Automatic ECG Measurements
-  More than 10.5 Hours Battery Operation
-  Stores Over 20,000 ECG Reports
-  Wi-Fi, LAN, USB, HL7 & DICOM Connectivity
-  Digital Report Export



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## PRODUCT SPECIFICATIONS

Category	Specification
Clinical Applications	<ul style="list-style-type: none"> <li>• General Practice</li> <li>• Cardiology</li> <li>• Emergency Care</li> <li>• Health Screening</li> <li>• Specialist Cardiac Assessment</li> </ul>
Healthcare Environments	Hospitals • Medical Centres • Specialist Clinics • Outpatient Departments • Emergency Departments
ECG Acquisition	Simultaneous 12-Lead ECG <sup>+</sup>
Display	10.4-inch Colour LCD Touchscreen
Resolution	1024 × 768
Keyboard	Full QWERTY Keyboard
Printer	Integrated High-Resolution Thermal Printer
Battery	Rechargeable Li-ion Battery
Operating Time	More than 10.5 Hours
Storage Capacity	More than 20,000 ECG Reports
Sampling Rate	32,000 Samples/sec
Frequency Response	0.01–350 Hz
Heart Rate Range	30–350 bpm
Connectivity	Wi-Fi • LAN • USB • SD Card
Export Formats	PDF • JPEG • PNG • XML • HL7 • DICOM
Recording Paper	210/216 mm × 140 mm Z-Fold Thermal Paper

### Clinical Features

#### Intelligent Clinical Functions

- Simultaneous 12-lead ECG acquisition
- Advanced Glasgow ECG interpretation
- Automatic ECG measurements
- Minnesota Code analysis
- ECG waveform review and comparison
- Multiple recording and report layouts
- Digital report export
- Multi-language user interface

### Connectivity & Workflow

- Wi-Fi networking
- LAN connectivity
- USB & SD card support
- HL7 integration
- DICOM compatibility
- HIS connectivity
- FTP data transfer
- ECG workstation compatibility
- Barcode scanner support

### Accessories

Standard Accessories	Optional Accessories
iMAC 120 Main Unit	Barcode Scanner
12-Lead ECG Patient Cable	Smart ECG Cable
Adult Limb Electrodes	Disposable Limb Electrodes
Adult Chest Electrodes	Disposable Chest Electrodes
Power Cord	Digital ECG Workstation
Ground Wire	Trolley
Thermal Recording Paper	Carry Bag
User Manual	Child ECG Cable
Warranty Card	Apple ECG Cable
Instruction Card	



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