

iMAC 300 3-Channel ECG Machine

Compact 3-Channel ECG System for Fast & Reliable Cardiac Assessment



Product Overview

The iMAC 300 is a compact and portable 12-lead electrocardiograph designed to support efficient ECG examinations across a wide range of clinical environments. Combining simultaneous ECG acquisition, advanced Glasgow interpretation, integrated thermal printing, and wireless connectivity, it delivers reliable performance for routine cardiac assessments.

Why Choose the iMAC 300?

- Compact and lightweight 3-channel ECG solution
- Simultaneous 12-lead ECG acquisition
- Advanced Glasgow ECG interpretation
- Bright 5-inch colour display
- Built-in thermal printer
- More than 7 hours battery operation
- Stores over 20,000 ECG reports
- Wi-Fi, LAN, DICOM and HL7 connectivity
- Ideal for hospitals, clinics, GP practices and mobile healthcare

Clinical Applications

| | | | |
|--------------------|------------------|-------------------|------------------|
| Hospitals | General Practice | Cardiology | Emergency Care |
| Specialist Clinics | Medical Centres | Mobile Healthcare | Health Screening |

Key Benefits

Fast ECG
 Printer
 Wi-Fi
 Battery
 Storage
 PDF/DICOM



APS TECHNOLOGY

APS Technology Australia Pty Ltd, Sydney NSW, Australia
www.aps-technology.com.au | +61-048191-2826 | info@aps-technology.com.au



PRODUCT SPECIFICATIONS

| Category | Specification |
|-------------------------|---|
| Clinical Applications | General Practice, Cardiology, Emergency Care, Community Health, Health Screening Services |
| Healthcare Environments | Hospitals, Medical Centres, Outpatient Clinics, Specialist Clinics, Mobile Medical Services |
| ECG Acquisition | Simultaneous 12-Lead |
| Display | 5-inch LCD Colour Display |
| Resolution | 800 × 480 |
| Keyboard | 9-Key Patient Information Keyboard |
| Printer | Integrated Thermal Printer |
| Battery | Rechargeable Li-ion |
| Operating Time | More than 7 Hours |
| Weight | Approximately 1.2 kg |
| Storage | >20,000 Reports |
| Sampling Rate | 32,000 Samples/sec |
| Frequency Response | 0.01–350 Hz |
| Heart Rate | 30–350 bpm |
| Connectivity | Wi-Fi, LAN, USB, SD Card |
| Report Formats | PDF, JPEG, PNG, XML, HL7, DICOM |
| Paper Type | 80 mm Roll or Z-Fold Thermal Paper |

Intelligent Clinical Functions

- Auto ECG interpretation
- Auto measurement
- Report templates
- ECG waveform review
- Thermal report printing
- Digital report export
- Hospital network integration
- Multiple report formats

Connectivity & Workflow

- Wi-Fi networking
- LAN connectivity
- Dual USB ports
- Built-in SD card
- HIS integration
- EMR compatibility
- DICOM support
- HL7 support
- FTP & HTTP transfer
- Stores over 20,000 reports
- ECG workstation compatibility

Standard Accessories

- iMAC 300 Main Unit
- 12-Lead ECG Cable
- Adult Limb Electrodes
- Adult Chest Electrodes
- Power Cord
- Ground Wire
- Thermal Paper
- User Manual
- Warranty Card
- Instruction Card

Optional Accessories

- Banana ECG Cable
- Snap ECG Cable
- Clip ECG Cable
- Adult & Paediatric Electrodes
- Disposable Electrodes
- Digital ECG Workstation
- Barcode Scanner
- Trolley
- Carry Bag



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