H300 & H301

Electrocardiograph

Trustworthy Results, Wherever You Are



COMEN Share with the World

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Powerful Performance in a Compact Design

Comprehensive Information Management

2000

- Built-in storage for up to 2,000 ECG records ensures reliable access to patient history.

USB/TF card

- Supports USB and TF card expansion for extended storage and convenient backup.



Extended Battery Life

Extended 9-hour battery life supports continuous operation and charging at the same time.





Lightweight design

Weighs less than 1.3kg, easily held in hand, and under 6cm thick for effortless portability.

Versatile Application Across Clinical Scenarios

General Practice

Reliable Clinic Mobility

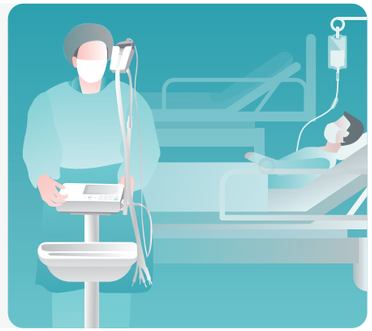
In general practice settings, patient assessments frequently take place across various exam rooms throughout a busy day. H300 and H301's portability and reliable battery ensure smooth, uninterrupted ECG workflows without frequent recharging.



Hospital Use

Seamless Patient Care

In dynamic hospital environments—especially intensive care units where devices are regularly trolley-mounted and moved-H300 and H301 provides continuous ECG assessments. Its robust battery life ensures reliable patient monitoring without constant dependence on AC power.



Mobile Medical Services

Beyond Hospital Walls

Ideal for general practitioners, and community healthcare providers, H301 supports home visits, community care, and remote diagnostics. Lightweight design and dependable battery life guarantee accurate ECG results anywhere, anytime.

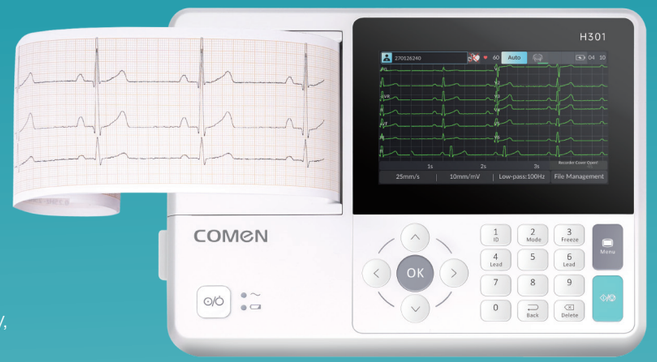


Glasgow ECG Analysis Algorithms

Database

The Glasgow ECG algorithm has been validated against leading international ECG databases, including MIT, AHA, and CSE, ensuring high accuracy and reliability in clinical applications.

- The Glasgow 12-lead resting ECG analysis algorithm is a world-renowned ECG interpretation algorithm and a preferred choice for professional ECG machines.
- The algorithm takes into account the patient's age, gender, ethnicity, and medication history, which significantly enhances the accuracy and reliability of the results.



Glasgow Algorithms

Automatic Extended Printing with 12 Intelligent Pop-up Alerts

Features 12 built-in pop-up alert types for abnormal findings. Automatically triggers extended printing, enabling clinicians to quickly and intuitively review suspicious ECG signals, improving diagnostic efficiency.

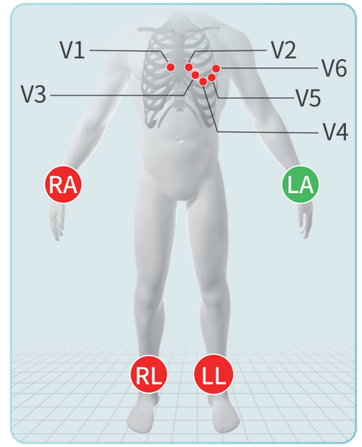
Software-Driven Signal Quality & Protection

Advanced Filtering Capabilities

Selectable AC Filter | Baseline Drift Filter | EMG Filter | Low-Pass Filter

Lead-off and electrode reversal detection minimizes user errors

Automatically identifies lead disconnection and electrode misplacement, reducing signal abnormalities caused by operational mistakes and improving data reliability.



Real-time Signal Quality Monitoring & Safety Alerts

Color-coded indicators (green/yellow/red) provide intuitive feedback on signal quality. Automatic detection of lead-off and electrode reversal, with real-time popup alerts, reduces operational errors and ensures data reliability.



Seamless Workflow for Precision and Efficiency

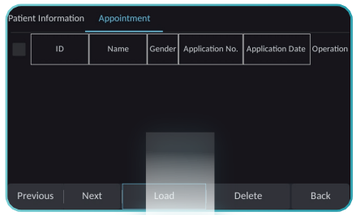
DICOM Workflow

Streamlined **Accurate** **Connected**

Retrieve Order

DICOM Worklist One-Touch Import

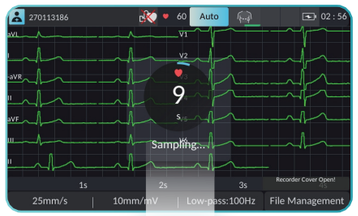
Automatically retrieve patient and exam information from HIS/RIS. Say goodbye to manual entry and ensure 100% accuracy from the start.



Acquire & Analyze ECG

Standardized Capture & Structured Reporting

Seamlessly acquire and analyze ECG data. Results are automatically formatted as standardized DICOM Structured Reports, ready for integration with any EMR system.



Archive & Share

Instant Storage & Secure Distribution

With a single click, ECG reports are archived directly to the hospital PACS via DICOM Storage, enabling instant centralized access for all authorized clinicians.



Integrated Connectivity, Connected Care

Seamless Connectivity for Smarter ECG Workflows

- Supports a wide range of secure data transfer methods—including Email, SFTP, FTP, HTTPS, and SAMBA—for flexible integration with diverse hospital IT environments.

Email *SFTP* *FTP* *HTTPS* *SAMBA*

4/5G

- WiFi, 4G, and 5G transmission options enable real-time data sharing with ECG workstations and hospital information systems.

HL7 DICOM

- Fully compatible with HL7 and DICOM protocols for smooth integration into HIS, EMR, and PACS environments—enabling paperless workflows and direct clinical decision support.



