



Resting ECG MAC™ 5

MAC™ 5 A4
MAC™ 5 A5
MAC™ 5 Lite

The MAC™ 5 from GE Medical is a high-quality 12-lead ECG system for small and large practices, in single-user, multi-user, outpatient, or inpatient settings.

There are three basic configurations to choose from: the **MAC™ 5 A4 with an integrated A4 printer**, the **MAC™ 5 A5 with an integrated A5 printer**, and the **MAC™ 5 Lite without an internal printer** but with the option of printing recorded ECGs via a network printer.

Please check the desired items.

Basic configurations MAC™ 5 A4 / A5 / Lite:

MAC™ 5 A4 ATO Model Resting ECG

MAC™ 5 A5 ATO Model Resting ECG

MAC™ 5 Lite ATO Model Resting ECG

Language English

Regional power adapter

12-month guarantee / 24-month warranty

Only included with MAC™ Lite: Network printer support module



Additional options (please choose):

KISS+-Adapter Needed with a KISS+ suction system

12 SL-Survey and interpretation

Measurement and interpretation of the ECG to be validated by medical personnel

ACS-Analysis of the resting ECG Calculates the probability of acute cardiac ischemia

Auto-ECG For automatic recording of resting ECGs with good signal quality

Highlight critical values in the ECG report Event detection and customizable thresholds / setting of customized alarm limits possible

Full Disclosure Provides a 5-minute examination report, which can also be exported as a PDF

Digital Rhythm Manual start/stop of ECG recordings / 5-minute printing of up to 12 leads, can also be exported as PDF

Communication module Order Management and ADT

Wireless communication module (WiFi)

Barcode scanner module incl. barcode scanner For convenient recording of patient data

Export function XML Export

Module support printing on a network printer Not for MAC™ 5 Lite

Pharma Mode Support for the provisions of 21CFR Part 11

regarding the control of electronic data in closed systems. Electronic signatures are not supported.

Accessories:

KISS+ suction system Please also see the separate accessories page!

MAC™ 5 Carriage

Set of electrode leads IEC banana plug, reusable electrodes

Set of electrode leads IEC, banana plug with ECG clip adapter

Set of electrode leads Multi-Lead, bracket IEC

Electrodes (suction or adhesive) leads, contact gel, etc. See accessories page!

Paper A4 Red grid 205mm wide, z-folded, 150 sheets, 1 pack = 10 blocks (MAC™ 5 A4)

Paper A5 Red grid 205mm wide, z-folded, 150 sheets, 1 pack = 20 blocks (MAC™ 5 A5)

Additional battery

Request your individual **starter package** as well as **underlying conditions for a particularly favorable supply of consumables**.

Trade in of products may be possible.



Resting ECG

MAC™ 5

MAC™ 5 A4

MAC™ 5 A5

MAC™ 5 Lite

Selected technical specifications

Device type	Automatic 10-lead ECG system with programmable lead configuration
ECG analysis	Marquette™ 12SL™ for adults and children, 12-lead analysis / interpretation
Heart rate measurement	30 to 300 BPM ±10 %
ECG data formats	Genuine GE HealthCare Hi-Fi ECG, XML
External archiving	USB removable storage device
Features	10-second real-time ECG acquisition, rhythm strip (digital up to 5 min)
Storage	300 10-second resting ECG and rhythm recordings 200 minutes of digital rhythm or full-disclosure recordings
Defibrillation protection	According to IEC 60601-2-25:2011
Pacemaker detection	Sampling rate: 75 kspS Duration: 0.2 ms to 2.1 ms Amplitude: 2 mV to 700 mV Separation: min. 1 ms

Communication

Networking / connection options to ECG management systems	Compatible with MUSE™ Cardiology Supports bidirectional orders and ADT Transfer of resting ECG recordings to Cardiosoft™ via network (V7 and higher).
DICOM	Modality worklist/orders: Supported via GE HealthCare MUSE™ (version 8 a. higher) and DICOM Gateway with support for bidirectional order processing
EHR-Connectivity	Via MUSE™ Cardiology Information System (version 8 a. higher) with EMR Gateway
Data export	Export of resting ECG (in PDF or XML format), digital rhythm and full disclosure reports (in PDF format) via Secure File Transfer Protocol (SFTP) or to a shared folder
Connectivity	802.11 a/b/g/n Wireless (2.4 / 5 GHz) (Opt.) 802.3 Ethernet interface RJ45
Time Set	Network time synchronization (NTP)

Input devices

Touchscreen keyboard, barcode scanner (opt.) and mouse (opt.)

Display

Display and resolution	8.9 inches (22.6 cm diagonal), LED backlight, 892 x 558 pixels
Touchscreen	Projected capacitive (PCAP) multi-point input; glove-compatible
Data displayed	Heart rate, patient name, patient ID, date, time, battery level, waveform sweep, lead labels, speed, gain and filter settings, alerts, prompts, hookup advisor, and help messages

Printer (MAC™ 5 A5 a. A4)

Printer technology	Integrated thermal printer
Writing speed	5, 12,5, 25 and 50 mm/s
Accuracy of amplitude	±5 %
Paper types	Thermal paper, Z-fold, perforated, Continuous paper
Paper format	Modified Letter; DIN A4 or DIN A5

Electrical data

Power supply	AC power or battery operation (replaceable battery)
Input voltage	100-240 V AC ±10 %
Input frequency	50-60 Hz ± 3 Hz
Battery capacity	At least 180 minutes (without KISS)

Security and data protection

Encryption	In accordance with legal requirements
Login authentication and user management	possible (local + network)
Audit-Trail	
Emergency Access (STATMode)	Allows access to the device without login credentials to perform emergency ECGs

Physical specifications

Weight	A4: 4kg / A5: 3,4kg / Lite: 2,3kg
Size HxWxL	A4: 125 x 325 x 370 mm A5: 120 x 325 x 270 mm Lite: 95 x 320 x 270 mm

Certifications

Compliance with standards	EN 60601-1:2006/A1:2013 EN 60601-1-2:2007 +AC 2010 EN 60601-1-2:2015 EN 60601-2-25:2015 IEC 62366-1:2015 EN 62304:2006+A1:2015
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