



# 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

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

## Communication

<b>Networking / connection options to ECG management systems</b>	Compatible with MUSE™ Cardiology Supports bidirectional orders and ADT Transfer of resting ECG recordings to Cardiosoft™ via network (V7 and higher).
<b>DICOM</b>	Modality worklist/orders: Supported via GE HealthCare MUSE™ (version 8 a. higher) and DICOM Gateway with support for bidirectional order processing
<b>EHR-Connectivity</b>	Via MUSE™ Cardiology Information System (version 8 a. higher) with EMR Gateway
<b>Data export</b>	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
<b>Connectivity</b>	802.11 a/b/g/n Wireless (2.4 / 5 GHz) (Opt.) 802.3 Ethernet interface RJ45
<b>Time Set</b>	Network time synchronization (NTP)

## Input devices

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

## Display

<b>Display and resolution</b>	8.9 inches (22.6 cm diagonal), LED backlight, 892 x 558 pixels
<b>Touchscreen</b>	Projected capacitive (PCAP) multi-point input; glove-compatible
<b>Data displayed</b>	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)

<b>Printer technology</b>	Integrated thermal printer
<b>Writing speed</b>	5, 12.5, 25 and 50 mm/s
<b>Accuracy of amplitude</b>	$\pm 5\%$
<b>Paper types</b>	Thermal paper, Z-fold, perforated, Continuous paper
<b>Paper format</b>	Modified Letter; DIN A4 or DIN A5

## Electrical data

<b>Power supply</b>	AC power or battery operation (replaceable battery)
<b>Input voltage</b>	100-240 V AC $\pm 10\%$
<b>Input frequency</b>	50-60 Hz $\pm 3$ Hz
<b>Battery capacity</b>	At least 180 minutes (without KISS)

## Security and data protection

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

## Physical specifications

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

## Certifications

<b>Compliance with standards</b>	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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