



GE HealthCare

# MAC VU360 Resting ECG

Smart. Integrated. Secure.





# Diagnostic certainty.<sup>1</sup> Timely insights. Connected care.

In today's busy, resource-constrained care environments, capturing a clean, high-quality ECG the first time can be challenging. Poor signal quality, incomplete data and inconsistent interpretation can delay diagnosis, increase repeat testing and impact patient management—while adding pressure to already overextended care teams.



**43.5–50.7%  
untrained**

No dedicated ECG training raises the risk of errors and misreads<sup>2</sup>



**0.4–4%  
lead reversals**

Mistaken placement may trigger false alarms or cause missed diagnoses<sup>3</sup>



**54%  
misread results<sup>4</sup>**

Incorrect interpretations can lead to misdiagnosis and ineffective treatment plans

# Smart, integrated and secure

When every second counts, you need an ECG solution you can trust. MAC VU360™ brings together advanced acquisition technology, seamless connectivity, and built-in security to deliver accurate results and timely insights—so you can focus on what matters most: your patients. This all-in-one workstation helps you work smart, move fast and keep patient data secure—because better workflow can help provide better care.



## Smart

### Accuracy starts here

Capture clean, high-quality ECGs the first time, reducing repeats and delays. Algorithms and advanced tools enable precise interpretation for confident decisions, fast.



## Integrated

### Complete connectivity

Interoperability across your workflow brings data together into one place so you can access prior ECGs, compare results, and share data across your enterprise without manual workarounds for timely, accurate patient care.



## Secure

### Built-in protection

Keep patient data safe and your fleet compliant and up and running with end-to-end encryption, secure connections and proactive security updates.

*“It’s not just a single diagnostic test in any circumstance. It’s actually multiple. And you need to integrate these multiple diagnostic tests to be able to provide the best care that you have.”*

— Dr. Adam J. May, Associate Professor of Medicine

Dr. May is a paid consultant for GE HealthCare and was compensated for participation in the interview. The statements by Dr. May described here are based on his own opinions and on results that were achieved in his unique setting. Since there is no “typical” hospital/clinical setting and many variables exist, i.e. hospital size, case mix, staff expertise, etc., there can be no guarantee that others will achieve the same results.



# Smart—accuracy supports quality care

## Smart Acquisition lets you stay in control

With more and more people sharing responsibility for performing ECGs, maintaining quality and efficiency across departments and care areas can be difficult. MAC VU360 Smart Acquisition is a combination of three features created to deliver optimal ECG quality and speed, even in the most challenging situations.



### Streamlined acquisition

New and experienced users can easily capture clean, high quality ECGs with a consistent, intuitive interface that simplifies training.



### Avoid variability

Reduce repeat testing and help prevent errors with Hookup Advisor™ and lead reversal that help users capture clean, diagnostic-quality waveforms.



### Fewer repeats, better consistency

Reduce variability in ECG quality by identifying signal quality and capturing clean, reliable data with Smart Acquisition for efficient high quality care delivery.



# Smart tools, confident decisions

## Unlock insights fast

Accurate, detailed insights are essential for timely, confident cardiac decisions. MAC VU360 includes advanced clinical decision support tools that turn ECG data into actionable insights.

### 12SL™ algorithm

Accurately interpret ECG data using validated clinical references to support guideline-aligned interpretations.<sup>1</sup>

### Serial comparison

Compare, analyze, annotate and re-examine ECG data including waveforms and pacemaker pulses for accurate interpretation.

### Bi-ventricular pacing detection

Automatically detect even small signals to ensure consistent labeling and reduce rhythm interpretation errors (pacing goes undetected in roughly 10% of ECGs)<sup>5</sup>

### Zero Phase Distortion (ZPD)

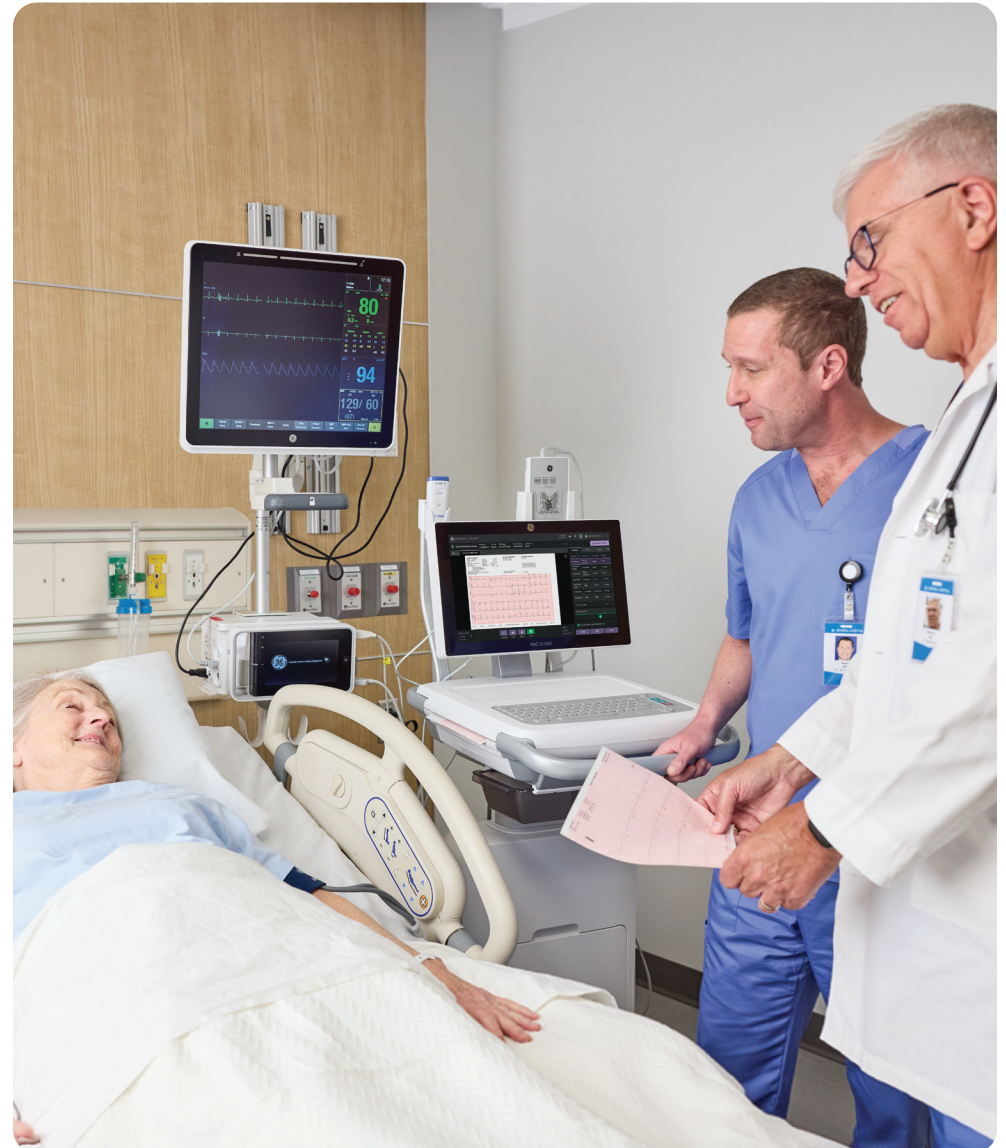
Ensures consistent ST-segment interpretation across both 12-lead and rhythm ECGs.

### Full disclosure

Quickly select any 10 seconds in memory so you don't miss a beat.

### Signal Averaged ECG (SAECG)

Reveal hidden conduction abnormalities and improve risk assessment for post-MI and inherited cardiac conditions undetected by standard ECGs.\*





# Your perfect fit

## Smart design means form follows function

You said an ECG workstation should be easily adjusted, easy to clean and easy to maneuver—and that's exactly what we delivered.

- MAC VU360 unique cardiac acquisition module with **built in bar code reader** simplifies ECG acquisitions.
- The ergonomic, **height-adjustable trolley** and tiltable display fit people of all heights, so user experience is improved and workplace injuries may be reduced.
- Smooth, **easy-to-clean** flat surfaces and **enclosed storage** reduce the risk of cross-contamination.
- MAC VU360 is, on average, **12% smaller and lighter** than select other premium ECG systems\*, offering superb maneuverability and an easy fit in crowded spaces.


*"I want an ECG workstation that's easily adjusted, easy to clean and easy to maneuver."*

\*Comparison available upon request.

# Connected care without complexity

## Unify cardiac data and simplify workflows

MAC VU360 works the way you do—connecting with MUSE™ NX, EHRs and third-party systems to streamline workflows and helps reduce errors. Access historical ECGs at the point of care, compare trends over time and route studies automatically to the right clinician. Because excellent connectivity helps provide exceptional care.

 **Quickly access only the orders you need**, with easy filtering and search functionality that's always at your fingertips.



**Make fast, more informed cardiac-care decisions** by comparing current and previous ECGs right at the bedside, immediately routing ECGs for overread, or reviewing prior clinical studies stored in the MUSE NX system, via remote apps.



**Work smoothly across different platforms**, with support for DICOM® ECG workflows that connect to a wide variety of third-party CVIS, EMR/EHR and ECG-management systems.



# Secure your way

## Because we put a premium on your peace of mind

Naturally, with today's hyperconnected data environment, you worry about patient privacy and data protection. Simply stated, MAC VU360 is built on our secure resting ECG platform.



### Stay connected and in control

Securely update firmware and software via e-delivery, allowing you to efficiently maintain total control over the update process, preventing vulnerabilities.



### Protect what matters

Manage identity access, encrypt patient data, and maintain secure network connections to protect data and devices.



### Security you can count on

A strong central security team is consistently developing additional security patches to address vulnerabilities as needed.



# Easy serviceability

## To keep your devices optimized for care

Minimizing disruption of patient care while maintaining and troubleshooting medical devices is a constant challenge. MAC VU360 takes a proactive approach to help streamline your workflows and improve operational efficiencies.



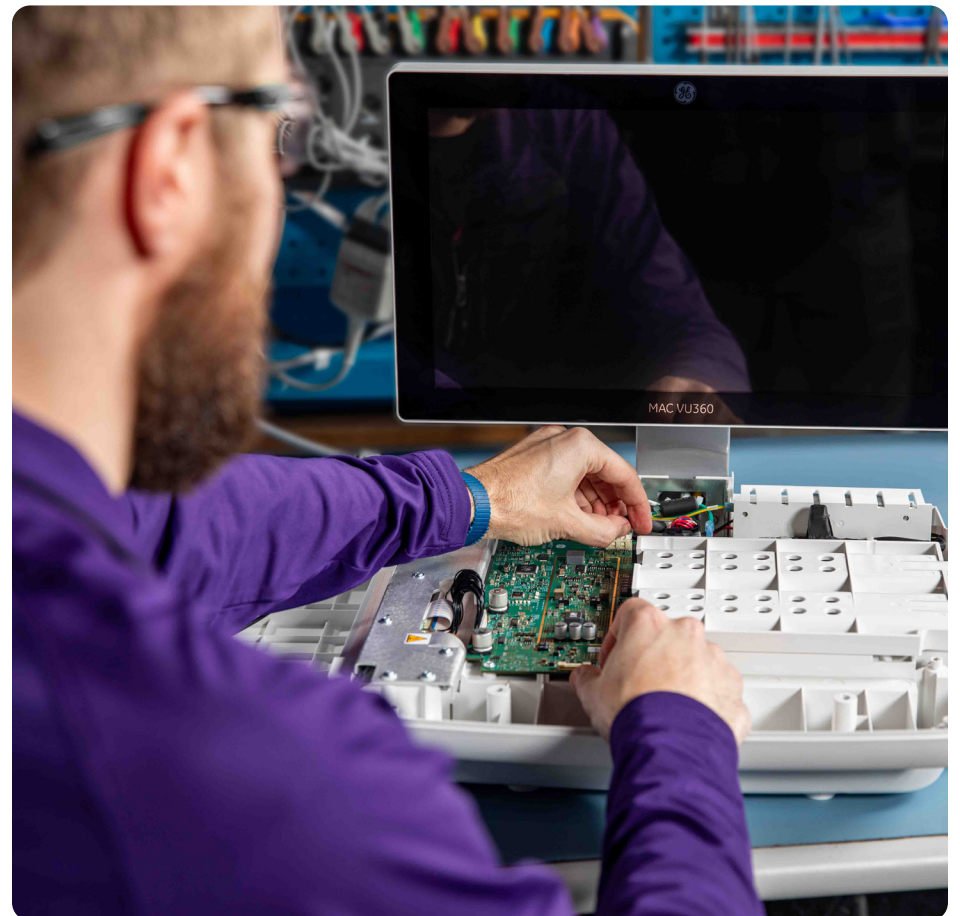
**On-board diagnostic tests** for 16 different parts, with ability to display results on-screen, print or save to USB.



**Designed to maximize uptime** with hot, swappable batteries and easy access to critical parts needing repair or replacement.



**Key features** are integrated to simplify service while maximizing availability, utilization and reliability.





# Protect your investment

A well trained staff can help you achieve your organizational goals

GE HealthCare offers a variety of training and education programs to help you maximize your investment and help you gain the knowledge and skills to simplify your workflow and improve patient care.



Clinical resources



Clinical workflow analysis



Clinical training and go-live support

# Quality accessories you can count on

Easily connecting with your diagnostic cardiology equipment, GE HealthCare's high-quality reusable ECG cables, leadwires and accessories help you get the accurate measurements needed to properly assess a patient's heart function.



ECG electrodes, cables and lead wires



Thermal printer paper





Our augmented reality experience allows you to explore key features and see how easily MAC ECG products can fit into your existing office or hospital environment. **Scan to learn more.**

## About GE HealthCare Technologies Inc.

GE HealthCare is a trusted partner and leading global healthcare solutions provider, innovating medical technology, pharmaceutical diagnostics, and integrated, cloud-first AI-enabled solutions, services and data analytics. We aim to make hospitals and health systems more efficient, clinicians more effective, therapies more precise, and patients healthier and happier. Serving patients and providers for more than 125 years, GE HealthCare is advancing personalized, connected and compassionate care, while simplifying the patient's journey across care pathways. Together, our Imaging, Advanced Visualization Solutions, Patient Care Solutions and Pharmaceutical Diagnostics businesses help improve patient care from screening and diagnosis to therapy and monitoring. We are a \$19.7 billion business with approximately 53,000 colleagues working to create a world where healthcare has no limits.

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### References

1. Marquette 12SL ECG Analysis Program Physician's Guide DOC 2056246-007.
2. Kashou AH, Noseworthy PA, Beckman TJ, Anavekar NS, Cullen MS, Angstman KB, et al. EDUCATE: An international, randomized controlled trial for teaching electrocardiography. *Curr Probl Cardiol.* 2024;49(3), 102409.
3. Littmann L. Beware of limb lead reversal. *JAMA Internal Medicine.* 2018;178(3):435. doi:10.1001/jamainternmed.2017.86
4. Kashou AH, Noseworthy PA, Beckman TJ, Anavekar NS, Cullen MS, Angstman KB, et al. ECG interpretation proficiency of healthcare professionals. *Curr Probl Cardiol.* 2023;48(10), 101924.
5. Ricke, A.D., et al., Improved pacemaker pulse detection: clinical evaluation of a new high-bandwidth electrocardiographic system. *J Electrocardiol.* 2011. 44(2): p. 265-74.

Not all products or features are available in all markets.

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