



Welch Allyn  
ELI™ 380 Resting ECG



# Innovating to a Need



The ELI 380 ECG is designed to address the challenges you face today.

- 🕒 **Simplifying ECGs**  
 Are there ways to make exams better for our patients and easier for us?  
 How can we automate manual processes in order to reduce errors?
- 🕒 **Improving patient care**  
 How can we increase the accuracy of ECGs for adults and pediatrics?
- 🕒 **Enhancing security**  
 What types of security measures should we expect on our ECGs?
- 🕒 **Streamlining connectivity**  
 What benefits can standards-based communication bring us?
- 🕒 **Investing in ECGs for the long term**  
 How can I increase the life and productivity of my ECG investment?

180°



Let the display do the moving so you can remain at your patient's side. Swivel as much as 180°, tilt it up to 120° and navigate using the touchscreen.

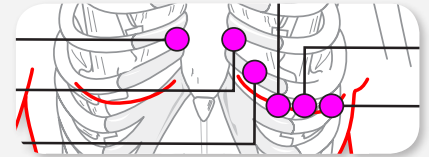
# Automated Workflow

## Every Step of the Way

1

### Connect leads

The ELI 380 ECG displays lead fail and lead reversals to help ensure proper hookup before acquiring an ECG to help reduce the need for repeat tests and increase efficiency.



2

### Sync in one step

Download the most recent list of patient orders with a single touch of a button, or opt to turn on auto-sync to streamline further.



3

### Scan and confirm

Positively identify the patient and match with an open order with one scan.



4

### Acquire a quality ECG

Use Best 10 to automatically select the cleanest 10 seconds of data. Choose any 10 seconds from the full disclosure simply by touching it.



5

### Transmit data

Send the ECG directly to your data management system using your LAN or wireless LAN network.



WAM Wireless Acquisition Module

### Free your care area with untethered ECG acquisition.

Use the WAM™ Wireless Acquisition Module to free your care area from unnecessary wires and make your patients more comfortable at the same time.

### No order? No problem.

The ELI 380 ECG can download the list of your registered patients, so demographic entry is automated, even without a patient order.

# Treat with Confidence

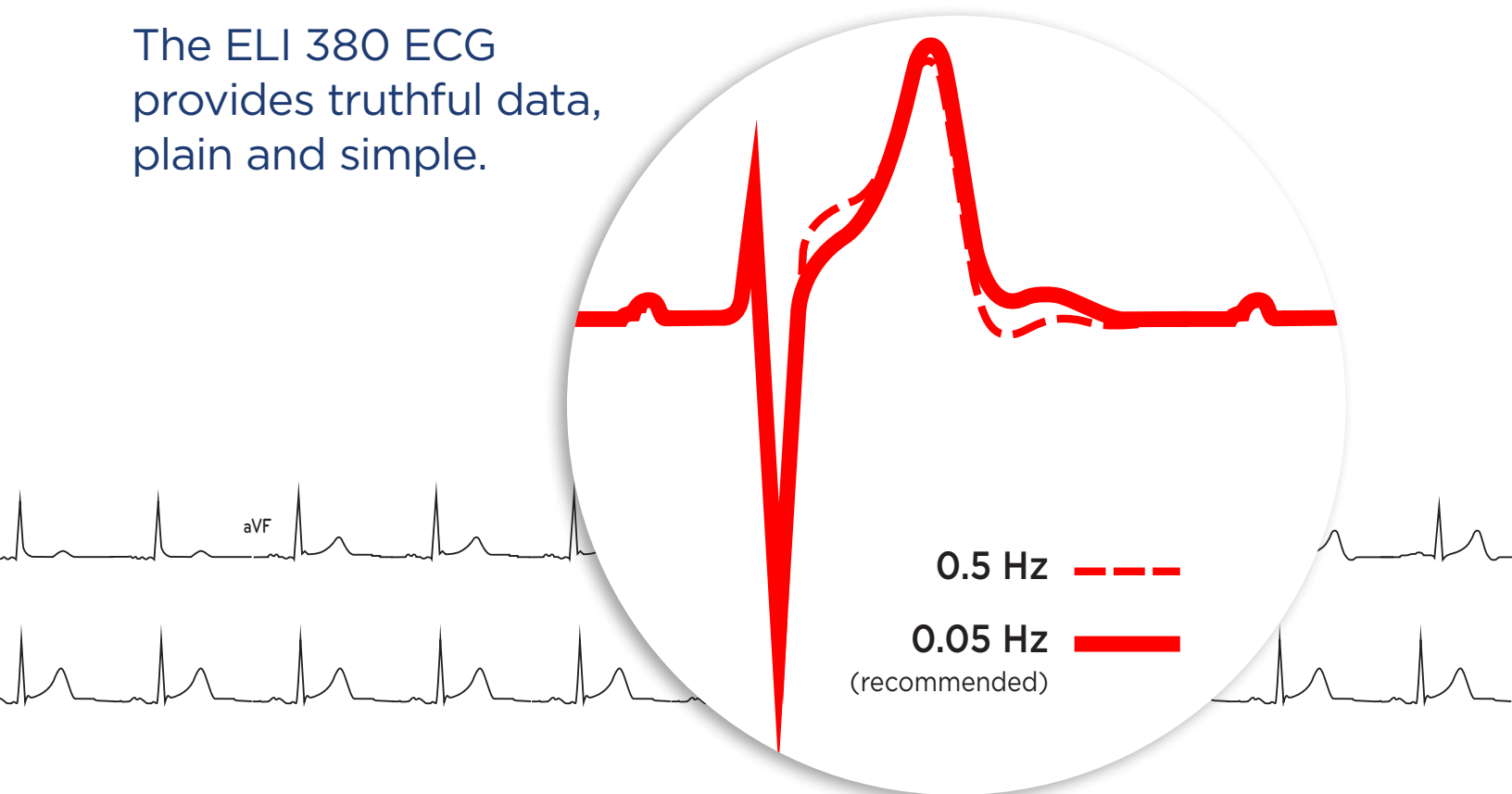


To properly support pediatric resting ECGs, the electrocardiograph must be able to collect adequate data in addition to using age-based criteria and interpretive statements. It is recommended that clinicians collect pediatric ECGs at a higher frequency than adults—at least 250 Hz. The ELI 380 ECG exceeds this recommendation and includes the ability to capture up to 15 leads, enabling you to see a complete picture for adult and pediatric patients alike.

## See the truth

Aggressive filtering can modify or distort waveforms that affect physician readings and resulting treatment plans. We never filter the baseline above 0.05 Hz, even for rhythm strips, as recommended by the AHA, ACC and HRS. So with the ELI 380 ECG, you can feel confident in receiving diagnostic-quality ECGs.

The ELI 380 ECG provides truthful data, plain and simple.



By following industry recommendations and providing comprehensive acquisition capabilities, we present meaningful data you can confidently stand behind.

# Connect It and Protect It



Healthcare systems are becoming more interconnected every day. So with ever-increasing electronic data exchange of protected health information (PHI), security is now more critical than ever. The ELI 380 ECG is the only electrocardiograph that has been awarded an Authority to Operate (ATO) by the U.S. Department of Defense (DoD), representing approval to operate on some of the most secure networks in the world. We're raising the bar and defining the data safeguards you should expect as part of your ECG solution.

## Device Access

- Authenticate users with unique usernames and passwords by connecting to your current LDAP or Active Directory service
- Control access to PHI and settings through role-based authorization
- Close logged-in sessions automatically upon inactivity to protect PHI even if users forget to log out

## Data Encryption

- Encrypt all information transacted across the network with Advanced Encryption Standard (AES) 256-bit from the ECG to the server
- Encrypt wireless transactions using a FIPS 140-2 certified WLAN module\*

## Standards-Based Communication

- Connect to the data management system of your choice through standards-based protocols like PDF, XML, HL7® or DICOM®
- PDF, XML, HL7 and DICOM are supported

\*Certain models may apply

“

*The ELI 380 ECG is a significant workflow improvement. Any time we can eliminate steps and reduce manual data entry is a win for us and ultimately our bottom line.*

”

—Christopher Bowlin, MBA BAHS,  
Cardiopulmonary Supervisor, Platte Valley Medical Center

# Designed to Maximize Your Profitability

The ELI 380 ECG was designed with high-volume care areas in mind.

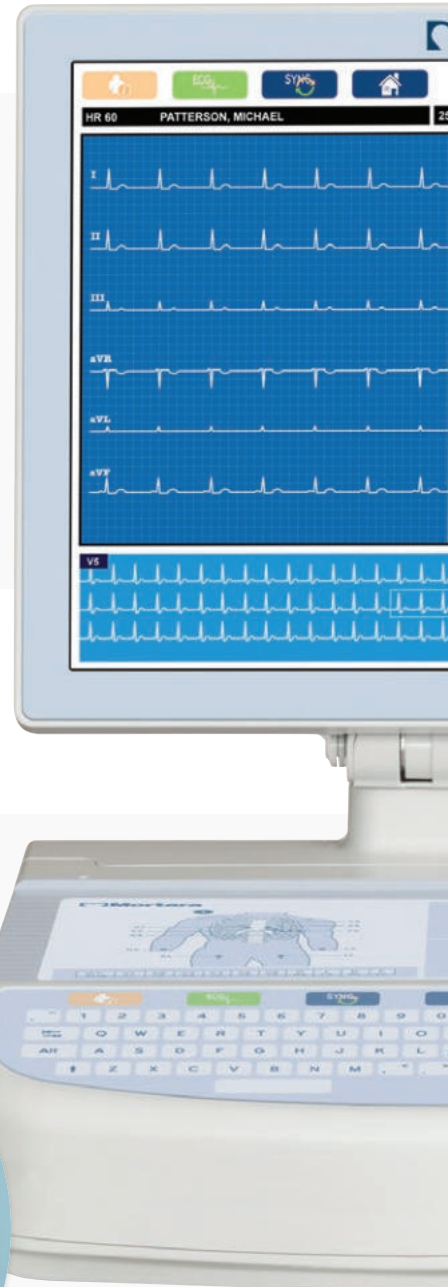
## Quality

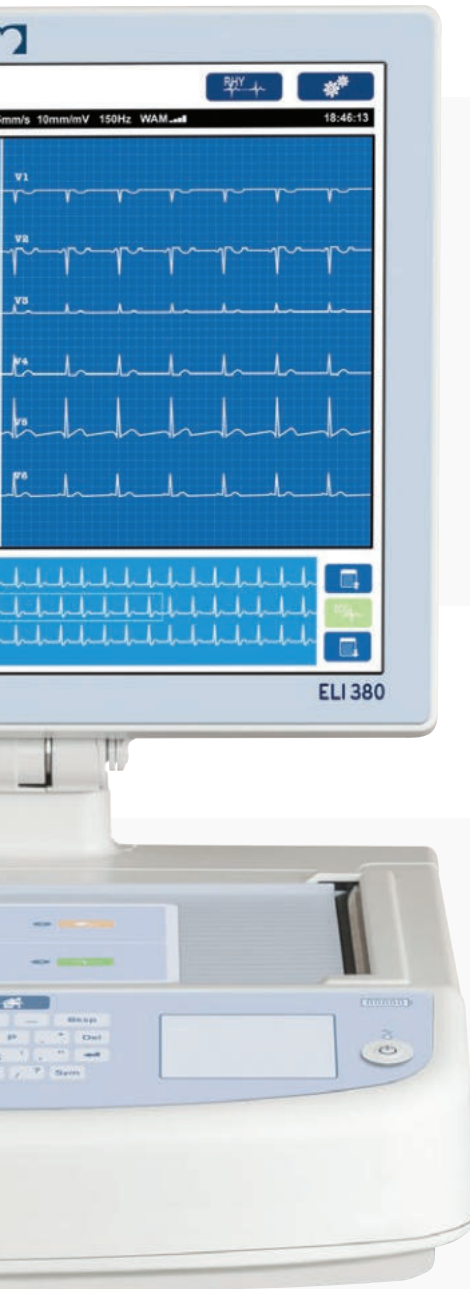
We have partnered with the FDA to build one of the largest cloud-based repositories of clinical data in the world with more than 10 million resting ECGs—all analyzed by our VERITAS® algorithm.

## Productivity

Simplified workflow decreases exam time and helps prevent manual entry mistakes.

The WAM module makes exams easier for clinicians and more comfortable for patients.





## Service

Our experienced field service engineers + ability of next-day parts delivery = reduced unplanned downtime.

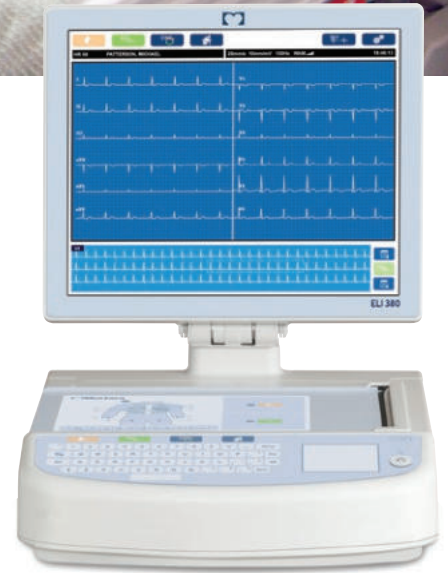
Training is available for your biomedical staff that allows maintenance to be done in house, helping to lower the cost of service and minimize downtime.

## Reliability

Designed to eliminate sources of maintenance, repair and breakage.

- Chemically strengthened glass capacitive touchscreen is calibration-free, glare-free and cannot be pierced or punctured.
- The wireless module and antenna are internal to the ELI 380 ECG.
- Up to two lithium ion batteries increase time between charging and reduce the frequency of battery replacement.

Thousands of mechanical cycle tests have been performed on the ELI 380 ERGO device to ensure reliability with extensive use.



Contact your Welch Allyn representative today  
or visit [www.welchallyn.com](http://www.welchallyn.com) to learn more.

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