

# Connex<sup>®</sup> Cardio ECG

## Specifications



### Technical Specifications

Instrument type	Multi-lead resting electrocardiograph
Input channels	Simultaneous acquisition of all 12 leads
Standard leads acquired	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
Frequency response	0.05 Hz - 300 Hz
Gain	2.5, 5, 10, 20 mm/mV
Filters	AC filter: None, 50 Hz, 60 Hz Low-pass filters: 40 Hz, 150 Hz, 300 Hz
Digital sampling rate	40,000 samples/sec/channel used for pacemaker spike detection 1,000 samples/sec/channel used for recording and analysis
Report formats	Standard or Cabrera; 3+1, 3+3, 6, 6+6, or 12 channel
On-screen tools	Time and amplitude calipers
Acquisition device	Connex Cardio WAM™ module or Connex Cardio AM12™ module
Storage capacity	Unlimited with external archive

### Minimum Standalone/Client Specifications

Operating systems	Microsoft® Windows® 7 Professional (32-bit* or 64-bit) Microsoft® Windows® 10 Professional (64-bit) <i>Note: If installing ELI™ Link with Connex Cardio, system requires 64-bit OS to operate both. (Simple installer will automatically load ELI Link and Connex Cardio together.)</i>	
Compatible viewing resolutions and font scaling	<b>Resolutions</b>	<b>Font scaling*</b>
	1024x768	100%
	1366x768	100%
	1280x800	100%
	1680x1050	100%, 125%, 150%
	1920x1080	100%, 125%, 150%
	1920x1200	100%, 125%, 150%
2736x1824	100%, 125%, 150%, 200%	
Processor	Performance equivalent or better than an Intel® Core™ i3	
RAM	Minimum 4 GB	
Hard drive capacity	Minimum 250 GB (If client: minimum 160 GB)	
Archive	Network or external USB drive	
Software installation	DVD	
Network	100 Mbps connection or better	
USB ports	Requires at least two USB 2.0 ports (WAM/AM12 modules, external USB drive)	
Input devices	Standard keyboard Mouse ECG acquisition input device (e.g. WAM, AM12 modules)	

\*If using EMR interface, font scaling may vary.

## Minimum Server Requirements

Processor	Performance equivalent to an Intel Xeon® class, quad-core with hyperthreading
Resolution	1024x768 or better
RAM	Minimum 4 GB
Operating system	Microsoft Windows 2008 Server R2 (32-bit, 64-bit) Microsoft Windows 2012 R2 (32-bit, 64-bit) *If installing ELI Link with RScript, system requires 64-bit OS to operate both. (Simple Installer will automatically load ELI Link and Connex Cardio together.)
System disk	100 GB for OS and product installation (RAID recommended for data redundancy)
Data disks	550 GB hard drive space available HD controller with 128 MB read/write cache (RAID recommended for data redundancy)
Archive	Network or external USB
Software installation	DVD
Network	100 Mbps connection or better
Input devices	Standard keyboard and mouse

Specifications subject to change without notice.

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For more information, contact your local Welch Allyn representative  
or visit [www.welchallyn.com](http://www.welchallyn.com).

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Welch Allyn Cardiology is proud to be powered by Mortara.

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