

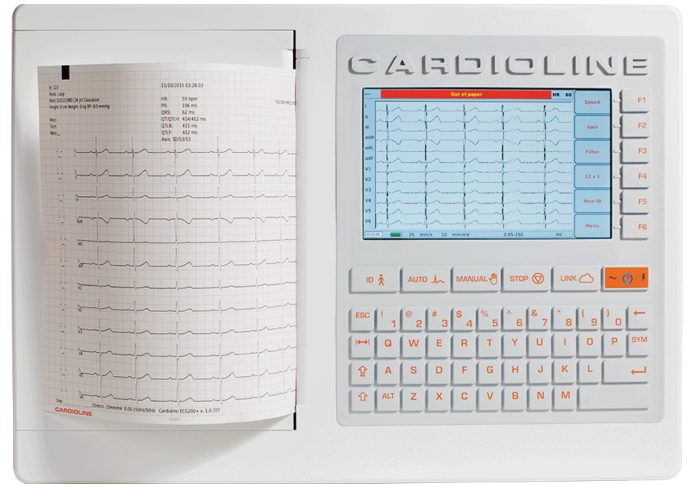
# Cardioline ECG200+

Approved for use with  
ECG On-Demand®



## Main Features

- Multi-connectivity (USB, LAN, Wi-Fi) for bidirectional communication with electronic patient record (EPR) systems.
- Various data export formats and protocols (SCP, DICOM, XML, PDF, GDT, HL7).
- Large, high quality colour display to show ECG trace in real time.
- High resolution A4 thermal printer with multiple printing formats.
- Long-life battery for all day use.
- Easy to use thanks to its user-friendly interface and alphanumeric keypad.
- Class-leading Glasgow University ECG interpretation algorithm.



**CARDIOLINE**

## General Overview

The ECG+ series electrocardiographs are part of Cardioline's range of connected ECG devices. ECG200+ is easy to use thanks to its operator-friendly user interface and large alphanumeric keypad. A high-resolution 7" colour display also shows the ECG in real time.

ECG200+ has a high-resolution A4 thermal printer, a large 7" colour display and a large keypad and straightforward user interface. Its interpretation program has been developed by Glasgow University and can analyse ECGs from both adult and paediatric patients.

ECG200+ can be connected to the most common electronic patient record systems such as EMIS Web, SystemOne, Cerner & McKesson. Bidirectional data transfer using DICOM, HL7 & XML means ECGs and can be fully integrated into existing workflows in healthcare facilities without the need to enter patient details manually.



## Technomed Ltd

Black Barn | Cornwells Farm | Sheephurst Lane | Marden | TN12 9NS  
+44-345-5212992

info@technomed.co.uk

www.technomed.co.uk



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## Technical Specifications

<b>ECG Leads</b>	12-leads (I, II, III, aVR-L-F, V1-6)
<b>CMRR</b>	115 dB
<b>Sampling Frequency</b>	500 or 1000 Hz/channel/storage
<b>A/D Conversion</b>	24 bit
<b>Resolution</b>	< 1uV/LSB
<b>Bandwidth</b>	0.05 – 150 or 300 Hz depending of sampling rate
<b>Pacemaker Detection</b>	Hardware and software correlated detection with digital filter
<b>Filters</b>	Fully digital high-pass diagnostics filter; digital AC interference adaptive filter (50/60 Hz); digital low-pass filter (applied during display and printing stage)
<b>Defibrillation Protection</b>	AAMI/IEC standards
<b>Front-End Performance</b>	ANSI/AAMI IEC 60601-2-25:2011
<b>Safety</b>	ANSI/AAMI ES1, Class I CF, CE0476
<b>ECG Storage</b>	Internal memory 100 ECGs, expansion for 1000 additional ECGs (optional)
<b>Display</b>	7" backlit LCD colour display, displays the ECG waveform in real time
<b>Thermal Printer</b>	8 dot/mm; 216mm; A4 z-fold paper
<b>Manual Printing</b>	3 or 6 channels -5/10/25/50 mm/s
<b>Automatic Printing</b>	Standard or Cabrera; 3, 3+1, 6 channels Patient Demographic, Global Measurements, Optional Interpretation (Glasgow University – Prof. MacFarlane)
<b>Keypad</b>	Mechanical keypad with alphanumeric keys and function keys
<b>Connectivity</b>	USB device, 802.11g/n Wi-Fi (optional), LAN (optional)
<b>Patient Cable</b>	Standard 15D, 10 electrodes
<b>Data Export</b>	PDF, XML (optional), GDT (optional), DICOM (optional), HL7 (optional)
<b>Power Supply</b>	Medical AC power-supply unit (100-240 VAC 50/60 Hz); internal rechargeable battery
<b>Dimensions</b>	396 x 290 x 80 mm
<b>Weight</b>	2.6kg with battery

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