



touchECG System - Windows

Digital ECG device suitable for any
clinical environment

PC-ECG solution with simultaneous display of 12 or 15 leads, continuous rhythm tracing for up to 30 minutes, and acquisition unit with up to 10 hours of battery life.

touchECG System Windows is an advanced digital ECG solution designed for the needs of telehealthcare and hospital environments.



MAXIMUM VERSATILITY

The lightweight, wireless design, combined with extended battery life, ensures operational continuity. Advanced technology ensures reliable, artefact-free plots in line with the highest diagnostic standards.



RAPID ANALYSIS

Featuring simplified operational efficiency by eliminating manual data transfers, and by offering rapid, accurate analyses, touchECG optimises workflows and allows clinical staff to focus on the quality of patient care.

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Advanced features: electrode reversal detection, arrhythmia analysis, and pacemaker display for accurate diagnoses and optimal clinical results.

Integrated connectivity: full compatibility with hospital PACS and HIS systems thanks to bidirectional DICOM data flow; supports SCP, PDF, GDT and, optionally, HL7 formats for flexible data integration.

ECG management via browser: native integration with ECGWebApp for secure editing, data storage and reporting on a fully browser-based platform.



Unità di acquisizione HD+/HD+12/HD+15

Lightweight and durable design: wireless, robust and ergonomic device for patient comfort and operator convenience.

Flexible connectivity: uninterrupted data transmission via wireless connection or optional USB cable.

Advanced portability: single-button activation, water and dust protection (IP42 with silicone shell), and drop resistance up to 1 metre from any angle.



Technical specifications

ECG leads	12 leads (I, II, III, aVR-L-F, V1-6) or 15 leads (I, II, III, aVR-L-F, V1-6, E1-3)
Patient cables	10-wire patient cable (HD+, HD+ 12 HD+ 15) or 13-wire (HD+ 15) replaceable
CMRR	> 100 dB
Input impedance	>100 MΩ
A/D sampling	24bit, 128,000 samples per second per channel
ECG resolution	<1 μV/LSB
Dynamic range	+/- 500 mV
Bandwidth	Performance equivalent to 0.05-300 Hz
Pacemaker detection	Available
Filters	Diagnostic linear phase digital pass filter (compliant with 60601-2-25 2nd ed) 50/60 Hz digital AC interference adaptive filter 25/40/150 Hz digital low-pass filter (for printing and display)
Defibrillator protection	AAMI/IEC standard
HD+ performance	ANSI/AAMI IEC 60601-2-25:2011, compliant with EN 1789 (ambulances) and EN 60601-1-11 (home care)
Acquisition mode	Automatic, Manual, Stat, Review
Lead configuration	Standard or Cabrera
Memory	Internal memory up to 1,000 ECGs
ECG interpretation	Glasgow interpretive programme for adults, children and STEMI (optional)
Export	SCP (Cardioline format), PDF, .xml, GDT, DICOM and HL7 (optional)
Operating system	Windows 10, Windows 11
Data transfer	Bluetooth Low Energy (BLE)