Enter the Cardioline World

ECG 100L

- The ECG 100L has been designed for total portability and ease of use, without compromising Cardioline's recognized quality standards.
- Particular attention has been dedicated to device usability, using a brilliant 5 inch color touch screen display, as well as dedicated keys for fast operation, when time matters.
- User is guided through the ECG acquisition procedure step by step, from electrode placement, to quality checking, acquisition, printing and storage.
- Automatic, manual, Stat or rhythm ECGs can alternatively be acquired at the simple touch of a key.
- ECG files can be stored on the device or exported, through USB connection to a PC or memory stick.
- Glasgow algorithm for ECG interpretation is optionally available for pediatric and adult ECGs.
- A specific ECG Management application for PC's, "ECG EasyApp", is designed to allow for easy but complete handling of patient ECGs.

TECHNICAL SPECIFICATIONS

ECG100L

ECG channels	12-lead (I, II, III, aVR-L-F,
Patient cable	V1-6) Standard 15D, 10-wires
CMRR	>100dB
Input Impedance	100MΩ
Sampling rate of the input stage	32000 samples/second/channel
ECG resolution	5µV/LSB
Dynamic Range	+/- 325 mV
Bandwidth	Performances equivalent to 0,05-150 Hz
Pacemaker detection	Hardware detection coupled with convolution digital filtering
Filters	Linear phase digital diagnostic high-pass filter (acc. to 60601-2-25 2nd ed.) 50/60 Hz AC interference adaptive digital filter Digital low pass filters at 25/40 Hz, for display and printing only
Defibrillation protection	AAMI/IEC standards
Front-end performance	ANSI/AAMI IEC 60601-2-25:2011
Acquisition Mode	Automatic (12-leads), Manual (3/6-leads), Stat (12-leads), Rhythm (1/3-leads)
Configuration	Standard or Cabrera
Lead Fail Detection	Independent on all leads
ECG Measurements	All leads, average, QT corrected, Sokolow-Lyon Index
ECG Interpretation	Glasgow Analysis Program for Adults, Pediatric, STEMI
Export format	SCP-PDF
PC-ECG "Easy App"	Dedicated ECG Management application for PC