New ECG 100L

Enter the Cardioline World

The ECG 100L has been designed for total portability and easiness of use, without compromising the Cardioline worldwide recognized quality standards.

Particular attention has been dedicated to the usability of the device that can count on a brilliant 5 inches color touch screen display, as well as on dedicated keys for fast operativity, when time matters.

The 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 stroke of a key.

ECG files can be stored on the devices or exported, through the USB connection, to a PC or a memory stick.

Glasgow algorithm of interpretation is optionally available for pediatric and adult ECGs.

A specific ECG Management application for PC «ECG EasyApp» has been designed to allow easy but complete handling of patient ECGs.

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TECHNICAL SPECIFICATIONS

ECG channels	12-lead (I, II, III, aVR-L-F, V1-6)
Patient cable	Standard 15D, 10-wires
CMRR	> 100dB
Input Impedance	> 100MΩ
Sampling rate of the input stage	32000 samples/second/channel
ECG resolution	500 samp/sec; 5µV/LSB
Dynamic Range	+/- 330 mV
Bandwidth	0,05 - 150 Hz
Pacemaker detection	hardware detection coupled with convolution digital filtering
Filters	diagnostic fully digital high pass filter; adaptive digital AC interference filter (50/60 Hz); digital low pass filter (only for display and printing)
Defibrillation protection	AAMI/IEC standards
Front-end performance	ANSI/AAMI IEC 60601-2-25:2011
Acquisition Mode	Automatic (12-lead), Manual (3/6-lead), Stat (12-lead), Lead rhythm
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 Management application for PC

CARDIOLINE