

CARDIOLINE US

clickholter is a portable ECG signal recorder (Holter) able to save data without the need for removable media. The data is rapidly and safely transferred to a Personal Computer for subsequent analysis, thanks to the USB connection interface.

clickholter



FEATURES

- Patient preparation, checking of signal quality and activation of recording without the need for external instruments;
- Control of all the preparation and recording programming phases directly at the PC;
- 3 lead recording in simultaneous mode for 24/48 hours;
- Pace-maker impulse detection on a dedicated channel;
- CF type connections. The device can be connected to the patient at the PC at the same time, to monitor the ECG on the screen;
- Dual recording start-up system: directly from recorder or from the PC;
- Low weight and compact size;
- Powered by two 1.5 V AA batteries;
- Suitable for recordings on neonates weighing less than 10 kg;
- High signal resolution.

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Technical Specifications

ECG channels	3
Type of recording	Continuous digital acquisition
Recording medium	Internal flash memory
Memory size	64Mbyte
Patient impedance detection	Independent for each lead
Saturation detection	Independent for each lead
Service connector	USB cable
Resolution	10 BITS; 11 microV/bit LSB
Frequency reponse	0.05 – 55 Hz
Dynamic AC	10mVpp
Dynamic DC	±300 mV DC signal superposition
CMRR	>60dB
Sampling frequency	250 Hz per channel for 24 hours or 125 Hz per channel for 48 hours
Input impedance	>10 Mohm
Patient cable	5 wires, 7 wires optional
Event Marker	Through keyboard
Data transfer	Through USB cable
ECG display	In real time 3 channels on PC monitor
Power supply	2 x AA 1.5V batteries
Dimensions & Weight	110x83x17 mm, 160 gr. (including batteries)
Indications	The device may be used to record ECGs on babies weighing less than 10kg and for recordings with a maximum duration of 24 hours (sampling at 250 Hz/channel)
Class and Type (IEC 601-1)	Class A.I. (Internal power supply) CF type
Class (Directive 93/42/CEE)	Ila
Conditions of use	Temperature between +10 and +45 °C. Relative humidity between 25 % and 95%. Atmospheric pressure between 700 hPa and 1060 hPa.
Storage conditions	Temperature between -10 and +45 °C. Relative humidity between 10% and 95%. Atmospheric pressure between 500 hPa and 1060 hPa.