



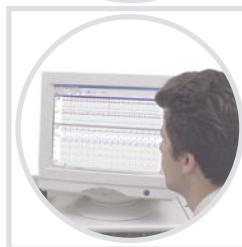
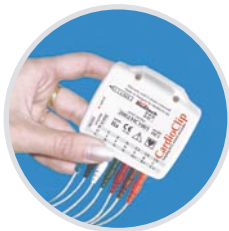
**BETTER CARE
IMPROVING HEALTH**



CardioClip

looping ECG event recorder

a miniature and versatile ECG event recorder, extending cardiac event recording to several days



compact size and versatility

easy patient hook-up with real-time monitoring for best electrode placement

up to 8 minutes pre-event strip length

choice of recording quality and 1 to 5 channels

up to 60 minutes of total ECG storage capacity with built-in solid state memory

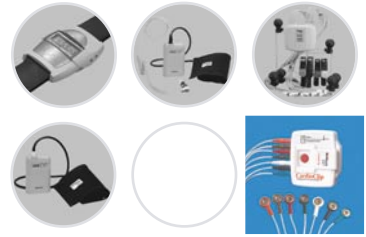
option to enable new recordings to overwrite the oldest ones if memory is full

data transmission to PC via optical cable or standard modem

looping operation for over a week with a single AAA battery

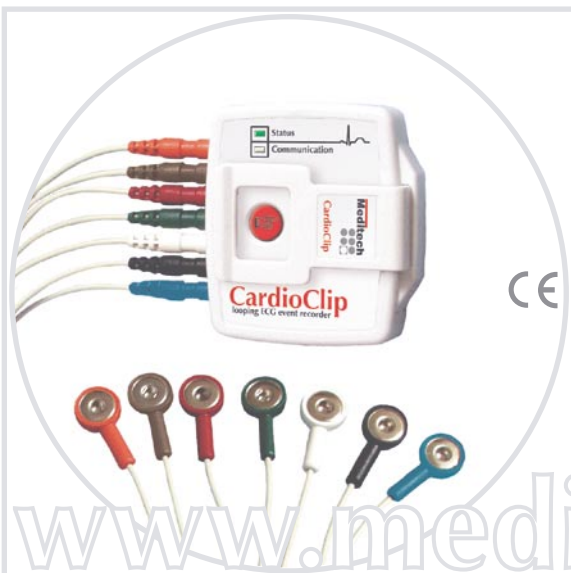
CardioClip

looping ECG event recorder



The background of possible cardiac symptoms is often difficult or impossible to clarify with ECG tracing or even with conventional 24-hour holter recording. **CardioClip**, a miniature and versatile ECG event recorder, helps to solve this problem by extending cardiac event recording to several days. The unit constantly keeps ECG data from the last several minutes in its looping memory, and whenever the patient presses its button, it will store ECG strips both preceding and following the event (pre-post recording). With **CardioClip**, lead/channel layout and ECG quality is programmable before the monitoring session. A special operation mode enables ECG recording in the conventional lead layout of six limb plus any three chest leads. Users can achieve optimal use of main storage memory by selecting economy to diagnostic ECG quality, one to five independent channels, and flexible recorded strip length. In pre-post recording mode, **CardioClip** will operate reliably for over a week with its single AAA size battery. Should an even longer observation period be necessary, the unit can be switched to post-event recording mode. **CardioClip** is expected to run for several months in this mode. **CardioClip** will store ECG data in its built-in solid state memory. Recordings can be transmitted to a personal computer via an optical cable, or by using a standard modem.

Technical parameters	power supply	1 AAA alkaline or rechargeable battery
	ECG channels	up to 3 independent bipolar or 5 independent unipolar channels
	sampling	1200 Hz or 600 Hz
	A/D resolution	12 bit
	frequency range	0.05-100 Hz (-3 dB)
	dynamic range	16 mV p-v
	DC offset tolerance	+/- 300 mV
	input impedance	100 Mohm
	storage frequency	600 Hz, 300 Hz or 150 Hz
	storage capacity	total 8 to 60 minutes, quality and lead layout dependent
	PC connection	RS232 line, optical cable transmission, 115.200 baud



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