

PRODUCT FEATURES

PARAMETERS	merlin
Power consumption	2 CR1620 button cells
Dimensions (excl. strap)	43x34x12 mm
Weight (excl. battery)	50 g
Sampling, A/D resolution	200 Hz, 14 bit
Recording	without chest contact, programmable maximum recording length, optionally multiple recordings with endless memory
Storage capacity	solid state memory, 15 minutes of ECG
Frequency range	0.05 to 40 Hz
ECG	1 channel (post symptom)
Watch strap	silicone rubber
Data transfer	optical cable with serial or USB plug
Conformity certificates	CE



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WRISTWATCH-STYLE ECG EVENT RECORDER

PERFECT TOOL TO PERFORM CARDIAC EVENT
MONITORING EVEN FOR SEVERAL WEEKS



merlin



discrete activation by placing a hand on the surface of the watch

operation even for several months

up to 15 minutes of ECG storage capacity

possibility to overwrite old recordings

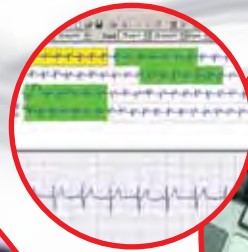
easily editable and printable reports

flexible programming

availability in several languages

real-time monitoring

graphical display



merlin is a wristwatch style, single-channel post symptom ECG recorder for revealing rare heart complaints and momentary arrhythmias.

The device can be worn by the patient for weeks or even for several months. Requiring no chest contact, merlin can easily be activated by simply placing a hand on the surface of the device. The measurement is finished when the patient releases the electrode or when the pre-programmed maximum recording length is reached.

After releasing the electrode, the number of recordings, their total time, the pulse and the voltage is displayed. Following the monitoring session, measurements are evaluated by the merlin software.

During programming the device, the length of post event recordings can be defined between 15 and 300 seconds by the user. Real time ECG monitoring is available in the **merlin software** to check the patient's correct ECG recording method.

After the monitoring session recorded measurements can be uploaded to a PC and evaluated by the user. Recordings are stored in the software database. Data contain the exact starting time and length of the measurements. Heart frequency is also displayed, provided the recording is long enough.

After the monitoring period the user can add highlighted ECG strips to the printable report.

