Mini Holter recorder with patch electrode

- Time- and cost-saving recorder application
- Extremely easy application because no patient cable
- Ideal for diagnosing syncope and atrial fibrillation (storage capacity of up to 60 days)
- Extremely lightweight – just 38 g (incl. rechargeable or non-rechargeable battery)
Innovation in ambulatory ECG recording
The new Holter recorder with patch electrode sets new standards in ambulatory ECG recording. Because it has no patient cable and uses just one patch electrode, application of the LiveECG Holter recorder is child’s play. The use of cutting edge technologies allowed an extremely small Holter recorder to be developed that weighs a mere 38 g (incl. rechargeable or non-rechargeable battery). The built-in data memory allows a 3-lead ECG recording to be stored for up to 60 days.

Patient acceptance thanks to user-friendly design
When designing the Holter concept, particular importance was attached to making the Holter recorder as easy as possible to use and as comfortable as possible to wear. The outcome is the LiveECG recorder. Its compact dimensions, low weight and absence of patient cable mean that patients hardly notice that they are wearing the recorder. Interruptions to the ECG recording due to battery replacement or attachment of a new patch electrode (e.g. after a shower) are no problem with the LiveECG recorder. ECG recording begins the moment an operational rechargeable or non-rechargeable battery is connected to the recorder. This noticeably reduces stress for the patient and therefore increases acceptance of ambulatory ECG monitoring.

Innovation in atrial fibrillation diagnosis
The fact that the LiveECG recorder offers up to 15 days of recording with just one battery and a storage capacity of up to 60 days ensures the best possible chances of detecting phases of paroxysmal atrial fibrillation and syncope. A special PADSY module has been developed to display atrial fibrillation; it uses Poincaré plots to show even atrial fibrillation phases lasting just 10 seconds.

A worthwhile investment
The design of the LiveECG recorder aimed to achieve the lowest possible operating costs and costs for consumables. Patch electrodes are easier to use and no more expensive than standard gel electrodes. Patient cables have a limited lifetime and need to be replaced from time to time. As the LiveECG recorder uses no patient cables, this is not necessary, nor is there any need to clean and disinfect patient cables or the recorder box. The recorded ECG data are quickly transferred to a PC via the LiveECG interface and are ready for analysis. There is no need to remove and replace a memory card, which also saves time.