



**SCHILLER**  
The Art of Diagnostics

## Press Information

### The next generation – SCHILLER medilog® Holter

Baar, November 2009 SCHILLER's high-end Holter product range „medilog“ is currently undergoing a generation shift. Even though it may not be as revolutionary as the change from magnetic tape to digital storage media, it is at least as spectacular.

#### **A Holter that offers more for your money!**

The SCHILLERmedilog® AR12 plus is more than just a Holter recorder. Unique functions make this recorder a valuable diagnostic tool:

#### **Real atrial analysis**

Highly accurate P wave detection allows a precise atrial diagnosis. AFI/AFib and AV blocks can be detected at a glance.

#### **High-resolution HRV**

The integrated QRS detector allows a high-precision HRV analysis (heart rate variability). Heart beats are recorded with an unparalleled resolution of 125 µs.

#### **Sleep apnoea**

Changes in the heart vector permit conclusions on the respiration. Sleep apnoea can therefore be detected in the Holter recording, without additional sensors.

#### **Automatic activity profile**

Are there pathological reasons for a tachycardia or is it simply triggered by physical activity? The integrated 3D accelerometer provides the answer.



#### **A Holter recorder suitable for any situation**

The new SCHILLERmedilog® AR12 plus is the first Holter recorder on the market that combines functionality and high signal quality in a small design. Because it is smaller and lighter than most mobile phones, the device can be worn invisibly underneath the clothes during recording and puts minimal strain on the patient.

The SCHILLERmedilog® AR12 plus is designed for (almost) any situation. The newly developed amplifier is even less sensitive to interferences and the completely revised signal processing can even deal with intensive physical activity. High signal quality does not only deliver better beat and rhythm analysis results, it also reduces the post-processing effort.

Moreover, the robust and **waterproof casing** tolerates an accidental shower and even a fall from 2 meters.



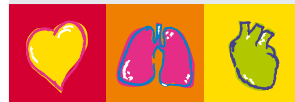
On-site in more than 100 Countries

### **The green Holter**

With a single, regular 1.5 V AAA battery, two to four 24-hour recordings can be performed. If the battery is replaced, recordings over 30 days or more are possible.

### **Future-proof Holter recorder**

Wireless transmission to the PC via Bluetooth™, acceleration sensor with three axes to determine the position and activity, or multi-channel detection of pacemaker pulses: these are just some of the features that make the SCHILLERmedilog® AR12 plus look good and stand out from the crowd, now and in the future.



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