# medilogAR

Efficient and reliable state-of-the-art Holter



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- : Robust, shock- and splashproof as well as easy to clean
- Flexible dual-battery concept for more than 14 days recording duration
- Instantaneous atrial fibrillation/atrial flutter detection based on true P-wave analysis<sup>1,2</sup>





#### **IDEALLY SUITED FOR CLINICAL ROUTINE**

The shock- and splash-proof design makes the medilogAR Holter highly suitable for the daily clinical routine. The Holter and its carrying case are robust and easy to clean.

#### TWO WEEKS OF POWER

Thanks to the dual-battery concept, the patients can be screened for more than 14 days without having to see the doctor to change the batteries.



Eco-friendly dual-battery concept (illustration)

#### **ECO-FRIENDLY CHOICES:**

The high-quality internal battery is recharged via USB. By adjusting the signal resolution, the internal battery can run for 24/72 hours or more than 7 days.

#### **AAA SINGLE USE BATTERY:**

For fastest turnaround times in high throughput clinics, use easily availahle standard AAA hatteries.

#### **MORE THAN 14 DAYS:**

For maximum recording duration, combine a fully charged internal battery with an AAA battery to get more than 14 days with automated AF detection<sup>1,2</sup>.

- 1 Available with medilogAR Professional
- 2 Available with medilogAR Enterprise

## VARIOUS CARRYING **OPTIONS**

medilogAR is so flat that it can easily be carried in a trouser pocket. With the carrying case, it can be worn on a belt or with a neck belt directly on the body.

### **MADE TO SUPPRESS ARTIFACTS**

The medilogAR Holter recorder features a superior resting ECG grade 32,000Hz sampling rate on 3 channels. This is used for true P-wave analysis<sup>1,2</sup>, sophisticated artifact suppression and motion detection, enabling a speedy evaluation.

### **INSTANTANEOUS ATRIAL** FIBRILLATION/AFL DETECTION:

The medilogAR scans for atrial fibrillation and atrial flutter by directly looking for P-waves<sup>1,2</sup>, just as a cardiologist would.



#### **RESPIRATION EPISODES:**

Thanks to ECG-derived respiration recording<sup>2</sup>, the medilogAR is able to screen for potential respiratory episodes during sleep. The optional SpO<sub>2</sub> sensor<sup>2</sup>, connected via Bluetooth, allows for additional respiratory information.



<sup>2</sup> Available with medilogAR Enterprise



 $SpO_2$  sensor, attached for the night

# MUCH MORE THAN ARRHYTHMIA SCREENING

Instantaneously locating Atrial Fibrillation<sup>1,2</sup>, analysis of respiratory episodes<sup>2</sup>, and high-resolution HRV are just some of the exceptional features of the medilogAR. The analysis is carried out using the renowned medilog DARWIN2 software.





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