

## Product Data Sheet

### Overview

The Device is intended to supervise the right functioning of the heart

Not only for patients with heart problems, but for all health conscious people for prevention and health promotion.

### Features

ECG measurement, immediate evaluation  
Arrhythmia screening  
Atrial fibrillation, VT, VF risk screening  
Stroke Risk Assessment  
Sudden cardiac arrest risk assessment  
Screening of Oxygen-Deficiencies  
Heart rate measurement, built-in pedometer  
Measurement reports and ECG curves can be emailed  
Recordings can be taken without a smart device  
Health journal created automatically

WIWE runs with a free-of-charge application.

### Functions

The main function of the WIWE is recording ECG signals using Einthoven's first lead (measured between the two arms), from which the following parameters are illustrated:

- **ECG:** assessing the ECG signals recorded in 60 seconds based on an accurate algorithm.
- **AR:** assessing the regularity of heart rate or arrhythmia, which can lead to atrial fibrillation in some cases (and also can cause stroke).
- **VH:** investigation of ventricular repolarization heterogeneity, which describes the state of bioelectrical connections between heart muscle cells. Sharp deterioration may lead to severe ventricular arrhythmias, also sudden heart arrest.
- **Oxygen saturation:** assessment of SpO2 takes place during the 60 seconds ECG recording. Low value may cause oxygen deficiency in the brain, muscle, major organs, cells, etc.
- **Heart rate:** Number of heartbeats in a minute also can describe the cardiac function.
- **Pedometer:** fully acting step counting, calorie counting.



### Standard features

- Real-time data sharing
- Easy and comfortable usage
- Elegant and practical design, small and portable.
- WIWE can replace Holter-tests
- Affordable and no extra charge
- Less clinician-patient meetings are needed for effective treatment
- Documents heart conditions outside of the consulting room and helps diagnose them

### Main technical data

Accumulator type: lithium-ion

Weight: 32 g

Size (cover, width x height x depth): 87,50 x 54 x 5,5 mm  
50 recordings are stored on the WIWE device, the rest on your smart device

For WIWE application **ios 8.1** or later for Apple products, and **Android 5.0** for Android-based products required.

To connect your devices **Bluetooth 4.0** (Low Energy) is required.

Accuracy: 98,69% based on clinical evaluation.

2 years warranty

### Medical certifications

CE medical device class IIa

TGA Australia certified

FDA submitted

