# FLEXIBILITY FOR INDIVIDUAL REQUIREMENTS IN SLEEP DIAGNOSTICS



REM

**TESLEEPTEST** 

RECORDING SLEEP QUALITY -CONVENIENTLY AT HOME

Made in Germany

#### HomeSleepTest or HomeSleepTest REM+ ?

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Using either device allows for the comfortable and objective recording of sleep-related parameters in the patient's home.

Both devices record 11 signals:

- $3 \times EEG$
- $2 \times EOG$
- $1 \times EMG$
- Impedance
- Sound (via the tablet's microphone)
- Head position
- Activity
- Ambient light



The process for recording data is identical for both devices. The sensor is recognized automatically by the tablet. A step-by-step video on the tablet then guides the patient through the application process.



## Why HomeSleepTest **REM+** ?

The main differentiation of the HST REM+ is the shape and position of the EOG-electrodes, allowing for flexible applications for individual requirements:

Precise REM scoring AASM compliant position of the EOG-electrodes improves the detection of horizontal and vertical eye movements. This enhances the determination of conjugate eye movements and scoring of sleep stage REM.



Electrodes fit all forehead- / head sizes Particularly suitable for paediatric use (when the forehead is too narrow for the 3-button electrode) and for research purposes (when the position of the EOG electrodes plays a special role).

### **Specifications:**

- 43 x 38 x 11mm, 28 g
- Up to 36 hours recording duration
- 256 Hz sampling rate
- Fast charging duration
- Multiple measurements nights programmable
- Data transfer to cloud
- Continuous electrode impedance recording

medics



## **Package includes:**

- ✓ 1 HST REM+ sensor & charger
- ✓ 1 Tablet
- ✓ 1 SIM-card (optional)
- ✓ HST-App
- Cloud access (software key)
- ✓ Ag/AgCl electrodes for 5 measurements
- ✓ 5 measurements
- ✓ Skin preparation gel
- Cotton pads
- ✓ Head nets
- ✓ Bag



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