



 **Goodsonnia**



**GOODSONNIA
POCKET ECG**

GOODSOMNIA POCKET ECG

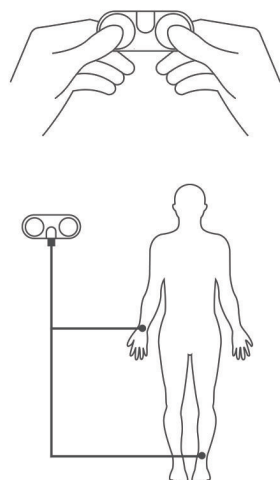
Goodsomnia Pocket ECG is an ECG device smaller than a credit card which can be used wherever you are. You just need to place one finger of each hand on the device for about 3 minutes to register the ECG for the data to be accessible and analysed in your Goodsomnia Lab app and in our Analytics platform.

You can further analyse, compare statistics, view old or live data and share all your data in our Analytics platform. There is also an option to set alarms, for example for your partner or doctor etc. An Internet connection is a must.

The single-lead/dual-lead electrocardiogram recorded by the product could be significant for judgment of arrhythmia and an important reference for medical personnel. The product can be used for ECG measurement of the general population for early indications of heart-related diseases or for daily monitoring of cardiac patients.

LEAD I AND II MONITORING IS EASY TO PERFORM:

- **Lead I (1 ECG channel)** - grip the device with two hands, placing one finger of each hand on one of the electrode plates. Do not touch your two hands during the measurement.
- **Lead II (3 ECG channels)** - read the data from the right wrist and left ankle by using the externally connectable lead. The two electrodes at the end of the lead are fastened with self-adhesive pads.



FUNCTIONAL DESCRIPTION

- **Home or clinic detection**
Use it at home. This device is fully compatible with smart mobile phones (Goodsomnia Lab app) to record ECG data.
- **Health tracking algorithm**
Track your overall heart wellbeing score, Stamina levels, Adaptivity potential, Emotional state, Stress index, Heart rhythm disturbances, Heart rate, Heart bio age, Risk of heart events, Heart muscle state.
- **Remote sharing**
Share your report with a doctor or with a loved one. The ECG report can be sent to doctors in a convenient way or you can see and share it in our Goodsomnia Analytics platform.
- **Smart aided reading of ECG**
The testing data is automatically uploaded for intelligent algorithm aided analysis at our Analytics platform.

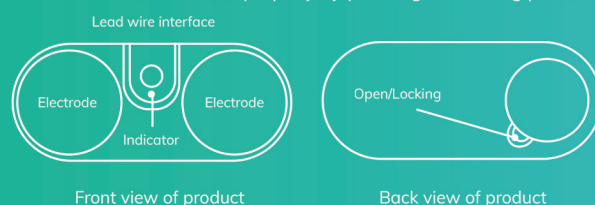
TECHNICAL SPECIFICATION

Product name	Goodsomnia Pocket ECG
Model	GPE-1001
Channel	1 + 3 channels (optional)
Electrode	2 integrated electrodes or external lead
Electric Shock Protection type	CF
Internal Power Supply	DC 3.0 V
Power Consumption	7 mA
Continuous Working Time	With a New battery:
1 time per day measurement, 1 min	6 months or 12h in continuous mode
A/D Converter	16 bit
Sampling Rate	512 Hz
Way of Data Transmission	BLE 4.0
Battery type	CR2025
Dimension	84 mm x 34 mm x 4 mm
Weight	15 gram
Normal Environment Use	Temperature: 0-45 C, Humidity: 10%-95%, Atmosphere Pressure: 860 hPa-1060 hPa
Storage and transportation environment	Temperature: -22-55 C, Humidity: 10%-95%, Atmosphere Pressure: 860 hPa-1060 hPa
External dual lead wire. Optional.	2 x 93 cm. For measurement of precordial lead electrocardiogram

PRODUCT STRUCTURE

Before the test, relax for 5 minutes.

- "System start": Before taking a measurement, press Power once, and the device will enter into work mode, with the green lamp blinking.
- "Indicator": Work status indicator of the device. The green light indicates the device is normal. The orange light indicates the battery should be replaced. Normally a battery will last for 6 months if used once daily.
- "Electrode": Signal collection electrode. During measurement, press the electrodes slightly with one finger of each hand till the measurement is ended. Do not touch your two hands during measurement.
- "Lead wire interface": Connector for external single lead. For measuring precordial lead electrocardiogram. «Battery cover»: Open the cover to install the battery, CR2025. After the battery is installed, be sure to fasten the cover properly by pressing the locking part back.



Front view of product

Back view of product

