

gSKIN[®] Body Temp KIT

Description

The gSKIN[®] Body Temp KIT is a tool for continuous, non-invasive and mobile body temperature measurements at forehead and chest during activities. Up to three patch-based Body Temp Sensors can be connected at the same time to the BodyTemp Logger via cable, allowing for in-depth thermo-physiological investigations on different body parts. The KIT is not CE approved yet and can only be used for internal studies.

Application

- Mobile sleep analysis
- Investigation of thermoregulation
- Physiological event detection
- Patient monitoring
- Algorithm development for wearables



Product Name	gSKIN[®] BodyTemp KIT
Article Number	A-165104
gSKIN [®] BodyTemp KIT includes	1 gSKIN [®] BodyTemp Sensor 12 Sensor mounting patches 1 Micro USB cable for data download and battery charging 1 Download link for the BodyTemp Tool Software
Logger	
Number of measurement channels	3
Dimensions (l x w x h) [mm x mm x mm]	80 x 40 x 20
Power supply	Rechargeable Li-ion battery
Battery life [h]	> 60
Sampling rate [Hz]	1
Data storage	up to 15 logging sessions and a total duration of 1165 hours (48 days)
Special features	- User interface - Live data display during measurement
Sensor	
Composition	The sensor consists of a reusable sensor core and a disposable mounting patch. The patches are supplied with medical adhesive.
Dimensions (including patch) (φ x h) [mm x mm]	32 x 5
Cable length [m]	2
Skin temperature accuracy [°C]	± 0.1
Body temperature accuracy under rest [°C]	± 0.2
Calibration	Calibration on the measurement subject is recommended

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