

# gSKIN<sup>®</sup> Body Temp KIT

## Description

The gSKIN<sup>®</sup> 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



<b>Product Name</b>	<b>gSKIN<sup>®</sup> BodyTemp KIT</b>
Article Number	A-165104
gSKIN <sup>®</sup> BodyTemp KIT includes	1 gSKIN <sup>®</sup> BodyTemp Sensor 1 gSKIN <sup>®</sup> BodyTemp Logger 12 Sensor mounting patches 1 Micro USB cable for data download and battery charging 1 Download link for the BodyTemp Tool Software
<b>Logger</b>	
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
<b>Sensor</b>	
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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