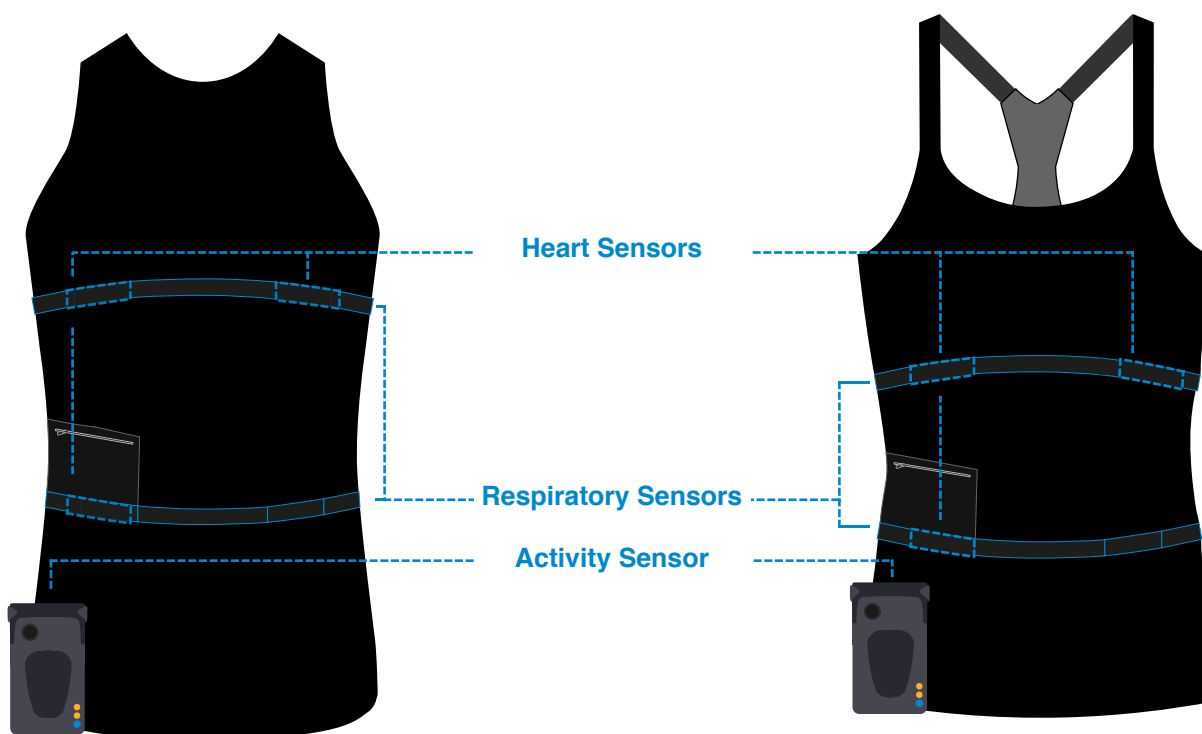


HEXOSKIN | Hexoskin Shirts - Technical Specifications



Heart Sensors



Respiratory Sensors



Activity Sensor



Excellent UV Protection



Antibacterial Treatment



Exceptional Breathability



Piling and Stretching Resistant



Machine washable



Quick Drying

With built-in all-textile sensors, the Hexoskin Shirt is light and comfortable.

Lightweight & quick dry

Fit optimized for **regulation of moisture/heat**

Excellent **UV Protection**

99.9% **Antibacterial Treatment** (no odors)

Pocket on the right side with a **YKK zipper** to store the Device

Designed to **stand up to tough conditions**

Machine washable (piling and stretching resistant)

Built-in bra including pockets for optimal, removable cups (Womens)

MADE IN CANADA

This Garment is Made with Italian fabric

Composition:

73% Polyamide Micro

27% Elastane

<https://www.hexoskin.com>

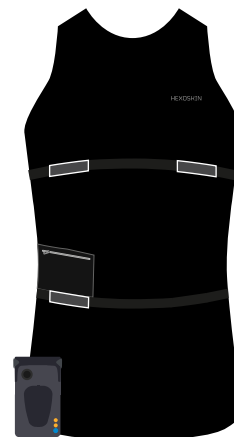


HEART Sensors

- **ECG** (1 channel, 256Hz)
- **Heart Rate:** 30-220 BPM, 1Hz
- **QRS event detection:** 4ms resolution
- **RR intervals:** 4ms resolution
- **HRV analysis**

Quality assessment channels:

- Disconnection detection
- 50-60Hz noise detection
- Saturated ECG signal detection
- Movement artifact detection
- RRintervals reliability detection



RESPIRATORY Sensors

- **Breathing** (2 channels, 128Hz)
- **Breathing Rate:** 3-80 BPM, 1Hz
- **Tidal Volume** (last inspiration), 80mL-10L, 1Hz
- **Minute Ventilation,** 2-150 L/min, 1Hz
- **Inspiration and Expiration Events,** 8ms resolution

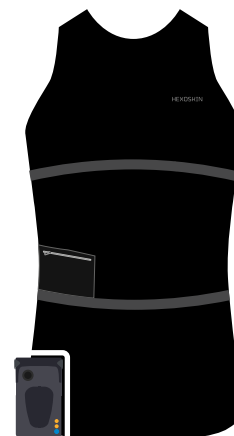
Quality assessment channels:

- Disconnection detection
- Noise detection
- Baseline change detection



ACTIVITY Sensors

- **Acceleration** (3 channels, 64Hz, +/-16g range, 0.004g resolution)
- **Activity level 1Hz** (0.004g resolution, sensitivity > 0.027g)
- **Step counting:** 30-240 SPM, reported every step
- **Cadence 1Hz** (30-240 SPM)
- **Energy expenditure estimate (kCal)**



Hexoskin SMART Device

- 30h of **battery life** (rechargeable)
- USB Fast Charge** in 90 minutes
- Up to 600 hours** of local **raw data storage**
- Smart technology** automatically transmits data to in-range mobile device
- Secure Bluetooth™ 4.1** wireless technology
- Secure Sync** online communication
- Online data storage & remote data collection**
- Access** to the App, **Hexoskin Cloud** and **Open Data API**
- OSX 10.8+ & Windows 7-8 or later**
- iOS & Android Compatible**
- Compatible with **3rd party apps**
- 1 year warranty** against manufacturing defects on device.



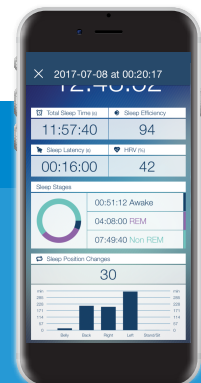
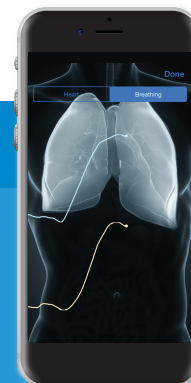
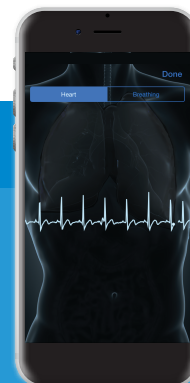
Hexoskin CLASSIC Device

- 12h of **battery life** (rechargeable)
- **USB Fast Charge** in 90 minutes
- **Up to 600 hours** of local **raw data storage**
- **Secure Bluetooth™ 2.1** wireless communication
- **Secure Sync** online communication
- **Online data storage & remote data collection**
- App & Cloud **Server access**
- **OSX 10.8+ & Windows 7-8 or later**
- **iOS & Android Compatible**
- **1 year warranty** against manufacturing defects on device.



Hexoskin Connected Health Platform

Access to the **Hexoskin Connected Health Platform** – **iOS and Android apps** for real-time activity and data visualization, **desktop data sync software**, raw and processed data management with the **Hexoskin Online Dashboard**.



▲ Hexoskin App

◀ Hexoskin Online Dashboard