

Zephyr™ BioHarness™



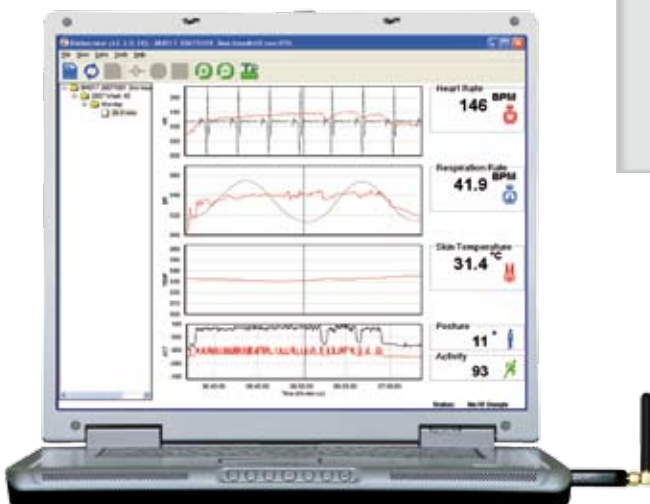
BioHarness™ integrates Smart Fabric sensor technology into a comfortable, unobtrusive garment which captures comprehensive physiological data on the wearer. BioHarness™ enables genuine real world monitoring of human performance and condition.

BioHarness™ applications

BioHarness™ has applications in any field requiring high-level wireless physiological monitoring, including research, training and real-time response situations. It offers a vital advantage to users in a diverse range of sectors, including academic and research, sports, defense, health and wellness and first responder.

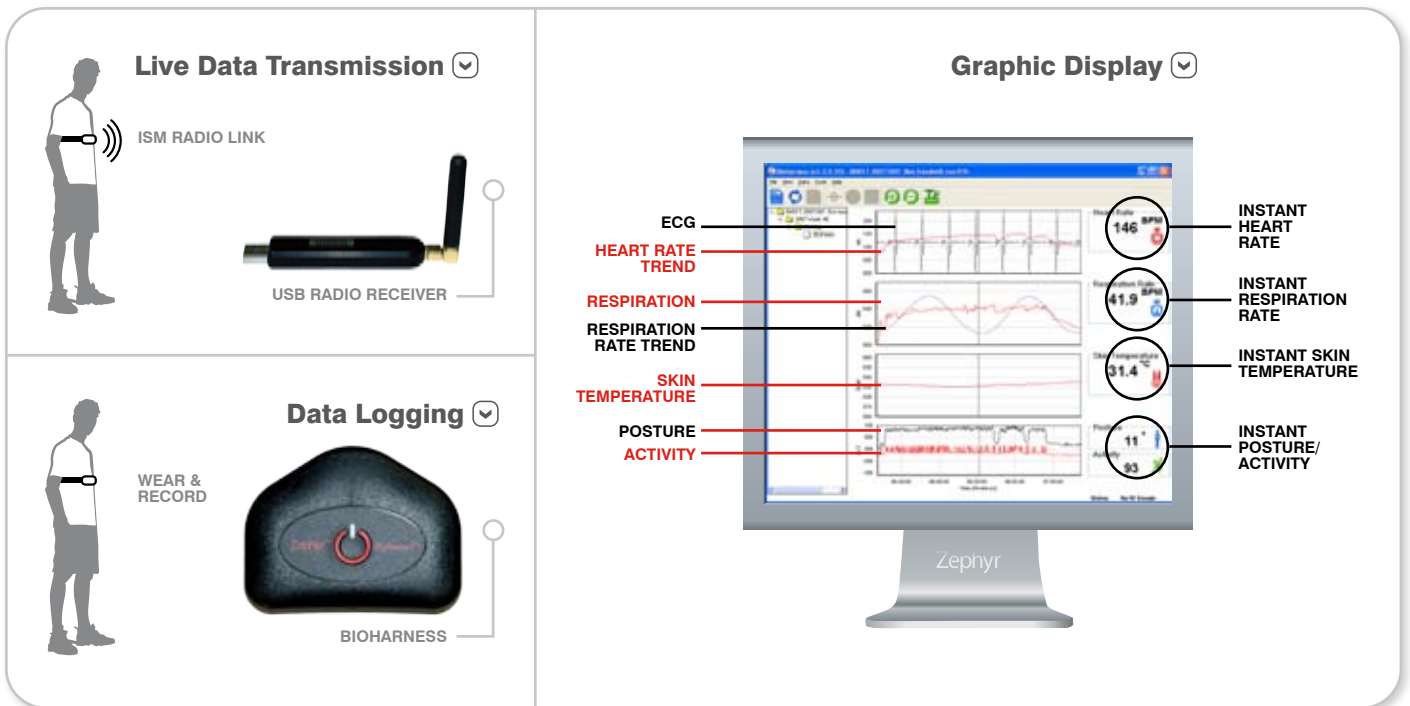
The BioHarness™ advantage

BioHarness™ can be worn in virtually any environment – from combat situations to the sports field. It maintains performance under extreme activity. Offering fast, accurate collection and analysis of high-quality, in-depth data, BioHarness™ is the definitive product for wireless physiological monitoring out in the field.



ZEPHYR BIOHARNESS™





BioHarness™ benefits

- Simultaneous monitoring of heart rate, breathing rate and depth, skin temperature, activity and posture
 - Obtain in-depth, comprehensive information
 - Eliminates requirement for multiple garments
 - Cost-effective
- Smart Fabric-based, dry contact strap
 - Unobtrusive – no impediment to wearer
 - Comfortable over long periods
 - Washable
- Robust
 - Signal and data quality maintained in extreme movement environments
- Real-time or logged monitoring
 - Allows genuine field-based studies
 - Provides status information for real-time decision making
 - Historical data capture enables new research avenues to be explored
- Wireless data export
 - Wireless data transfer eliminates tethers and performance impediments
- All measurements are collected in one device, in the same format
 - Significant reduction in time to collate information from separate sources
 - Allows cross-measurement analysis
- 30 days of continuous data storage
 - Enables long-term remote use before analysis
- Eight hour battery life, simple USB charging
 - Enables continuous monitoring of long-duration activities

BioHarness™ capabilities

Monitors heart rate, R-R

Monitors breathing rate and depth

IR skin temperature measurement

Activity measurement via 3D accelerometer

Posture analysis

Fabric-based, dry contacts

Wireless connectivity

Comparative analysis

Real-time and off-line analysis

To purchase your BioHarness™ simply visit www.zephyr-technology.com. For more information, email info@zephyr-technology.com or phone +64 9 574 6523.

Zephyr™ www.zephyr-technology.com