

Zephyr™ BioHarness™ BT



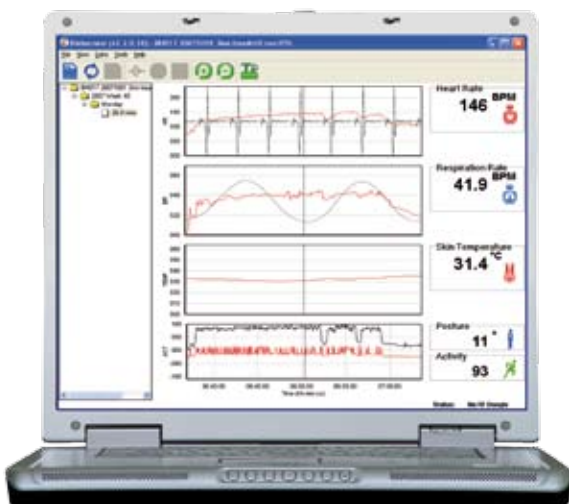
BioHarness™ BT couples the pioneering Smart Fabric sensor technology of the comfortable and unobtrusive BioHarness™ garment with the power and ubiquity of Bluetooth®. Using the optional Zephyr™ phone application, BioHarness™ BT captures and transmits comprehensive physiological data on the wearer via mobile and fixed data networks – enabling genuine remote monitoring of human performance and condition in the real world.

BioHarness™ BT applications

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

The BioHarness™ BT advantage

BioHarness™ BT 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™ BT is the definitive product for remote physiological monitoring in all conditions.



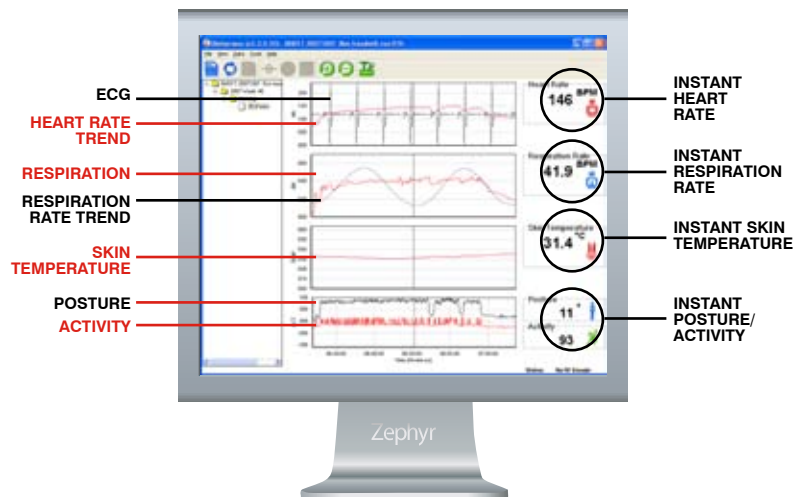
ZEPHYR BIOHARNESS™



Live Data Transmission



Graphic Display



BioHarness™ BT 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
- Streaming, Sample or Threshold mode for transmission
 - Can transmit all data continuously
 - Can transmit average or peak data periodically
 - Can transmit periodical summary, switching to streaming when configurable thresholds are exceeded
- All measurements are collected in one data set, in the same format
 - Significant reduction in time to integrate with server applications
- 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™ BT 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

Zephyr™ phone application capabilities

- Local display of summary data
- Remotely configured thresholds
- Streaming, Sample or Threshold data transmission modes

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



Zephyr™ www.zephyrtechnology.com