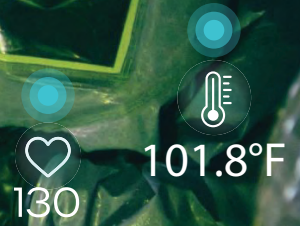




PROTECT YOUR WORKERS
WHEREVER THEY ARE



Introducing eq LifeBand: The Ultimate Heat Injury Protection Armband

Designed to safeguard workers against heat injuries and overexertion, eq LifeBand combines advanced technology with adherence to ACGIH (American Conference of Governmental Industrial Hygienists) guidelines, optimizing safety in the workplace. eq LifeBand is comfortable to wear, scalable and simple to deploy. Specifically engineered to be deployed in high volumes, it is ideal for large-scale operations.

Unparalleled Heat Injury Protection

eq LifeBand, with the Equivital Black Ghost connected worker solution, offers unparalleled heat injury protection, empowering workers to perform at their best without compromising their well-being. Its innovative features include:

- **Real-Time Heat Monitoring:** eq LifeBand constantly tracks the wearer's core body temperature, providing real-time alerts and notifications when heat stress and exertion thresholds are approached or exceeded, allowing for timely intervention.
- **Hydration Prompts:** Staying properly hydrated is crucial in heat-stressed environments. eq LifeBand enables automatic reminders for workers to maintain optimal fluid intake.
- **Ambient Temperature Monitoring:** With integrated WBGT monitoring, eq LifeBand enables teams to assess the environmental heat load accurately. This data helps identify high-risk areas and plan work accordingly, in line with organisational policies.
- **Fall Alerts and Activity Monitoring**





ACGIH Compliance

Equivalt recognizes the significance of adhering to industry standards. eq LifeBand is developed in accordance with ACGIH heat stress guidelines, providing a reliable and trusted solution for the industrial marketplace. The ACGIH guidelines ensure that workers are adequately protected against heat stress and related health risks.

Comfort and Durability

- eq LifeBand's lightweight and ergonomic design ensures long-lasting comfort during extended use.
- Its robust construction withstands harsh industrial conditions, guaranteeing durability and reliability.
- It is adjustable to fit various upper arm sizes and is secured with a sturdy and adjustable strap, allowing users to find the perfect fit.

Seamless Data Integration

- eq LifeBand seamlessly integrates with Equivalt's Black Ghost V2, enabling easy data collection, analysis, and reporting.
- It provides alerts in real-time or after-the-fact, empowering workers and teams to make informed decisions and take proactive measures.

Customizable Alerts and Thresholds

- Workers can have personalized heat stress thresholds set on the armband, aligning with their individual tolerance levels and job requirements. These can also be tailored to the ambient temperature, heat index and humidity.

The Equivalt Advantage

Equivalt is a renowned leader in wearable health monitoring technology. By choosing eq LifeBand, you benefit from:

- Decades of research and expertise in physiological monitoring solutions.
- Unparalleled accuracy and reliability backed by rigorous testing and validation.
- Ongoing product support and updates, ensuring your investment remains cutting-edge.

eq lifeband

Better Data

Better Decisions

Better Performance

Invest in the safety and well-being of your workers with eq LifeBand. Embrace the future of heat injury protection, driven by advanced technology and compliance with ACGIH guidelines.

Equival Armband Specification

Armband Features	Armband Specifications
PPG	PPG sampling rate: 25 Hz Standard Mode, 125 Hz Precision Mode Heart Rate reported every 1, 5, 15 or 30 seconds
Core Body Temperature	Between 96.8-104° F (36-40°C)
Operating Temperature	Operating temperature range of -10 to 60°C
Skin Temperature Sensor	±0.1°C accuracy from +30°C to +50°C
Environmental Sensor	Ambient temperature accuracy ±0.12°C C from -10°C to 60°C
Accelerometry	Accelerometer Sampling Rate 25Hz Fall Detection, Activity and Motion
Data Parameters	Heart Rate, Core temperature, Skin temperature and environmental temperature
Quality Metrics	Heart Rate Confidence and On and Off Body Detection, PPG based heart rate, accelerometer and skin temperature. State of the art on device algorithms for alerting to heat risk.
Alerts	Fall alert, sustained heart rate, recovery heart rate, core temperature, HSI, and Heart Rate
Mode of Alert	Haptic, Visual and Audio Alerts - fully configurable
Battery Life and Charge	Approximately 1hr charge time with battery life up to 1 working week.
Wireless Transmission	<ul style="list-style-type: none">• Bluetooth Class 5.1• WIFI (8011.AC 2.4GHz) * Optional• Built-in RFID reader
Comfort	ISO 10993
Environmental Rating	IP67
Hazardous Area Protection	ETL, Class 1, Div 1 (North America)
Certificate	FCC, CE
Strap Size	Armband strap covering upper arm measurements of up to 51cm





Contact Equival today to learn more about eq LifeBand and how it can transform safety in your industrial workplace. Together, let's create a safer and more productive environment for everyone.

Please contact: info@equivital.com

For more information: www.equivital.com