

# CENTREPOINT® Insight Watch 2.0



## FDA Cleared, Medical-Grade Actigraphy Monitoring

The compact and unobtrusive CentrePoint Insight Watch (CPIW) captures continuous, high-resolution motion data for up to 30 days on a single battery charge. These high quality digital measures provide sponsors with clinical insights into how trial participants feel and function in their natural environments.

## Reliable Digital Measures, Validated Algorithms

The CPIW, in conjunction with the CentrePoint remote monitoring platform, provides objective, real-world digital measures of physical activity, mobility, and sleep behavior in clinical trial participants. Raw acceleration data, sampled at up to 256 Hz, is converted into meaningful clinical measures using transparent algorithms developed and validated by members of the life science research community. Available measures include:

- Raw Acceleration (G's)
- Activity Intensity
- MVPA
- Steps
- Calories
- MET Rates
- Locomotion
- Total Movement
- Total Sleep Time (TST)
- Sleep Efficiency
- Wake After Sleep Onset (WASO)
- Sleep Fragmentation

## Real-Time Data Access

The CPIW passively transmits collected data, via mobile app or home data hub, to the cloud for near real-time detection of wear adherence and potential data trends. The rearchitected raw data system provides infinite scalability with 2x improved performance.

## 30-Day Battery Life\*

An extended 30-day battery life minimizes participant burden and the potential for missing data associated with frequent device charging, even during long periods of data collection.

\* 30 days at default 32 Hz sample rate

## Patient-Centric Design

The CPIW looks and feels like a consumer smart watch. The single push button interface activates the backlight, making it easy to read date and time. Standard interchangeable wristbands can be customized to improve participant satisfaction, comfort, and compliance.

## Near Body Temperature Sensor

The CPIW now comes with an enabled near body temperature sensor, which has the potential to provide richer data insights, such as improved wear time monitoring and sleep scoring.\*

\* Temperature data is for investigational use only

## CENTREPOINT® Insight Watch 2.0 Tech Specs

Dimensions	5 x 3.43 x 1.04 cm	Data Storage	30 Days*/512MB
Sample Rate	32Hz-256Hz	Communication	USB/Bluetooth® LE 5
Battery Life	30 Days	Water Resistance	1 meter, 30 minutes

\* Collected at default 32 Hz sample rate

[TheActiGraph.com](https://theactigraph.com)

[sales@theactigraph.com](mailto:sales@theactigraph.com) | 850.332.7900

U.S. federal law restricts this device to sale by or on the order of a physician.