

# HSW50 Heat Stress Stopwatch

Professional 3-line clear display for stopwatch, time, and calendar

## Key Features

- **WBGT (Wet-Bulb Globe Temperature) Monitoring**  
with level indicators
  - CAUTION
  - EXTREME CAUTION
  - DANGER
  - EXTREME DANGER
- **1/100-Second Stopwatch**  
Measures up to 10 hours.
- **Lap and Split Time Recording**  
Stores up to 100 laps.
- **Fastest, Slowest, and Average Lap**  
Records tracking.
- **2-Interval Countdown Timer**  
Repeatable up to 999 times.
- **Stroke Frequency Counter**  
for pace tracking.
- **Pacer Function**  
Adjustable between 10 to 320 paces.
- **Safety Monitoring**  
Daily Alarm & WBGT Temperature Alert.
- **Power Management**  
Auto-off LCD Display to save battery.
- **Water Resistant**  
for outdoor and sports use.
- **Optional Model**  
complete with Certificate of Traceability to N.I.S.T.
- **Includes**  
Lanyard and CR2450 battery (installed)

## Users

- Athletes & Coaches
- Occupational Safety Professionals
- Construction & Industrial Workers
- First Responders & Military Personnel
- Outdoor Enthusiasts & Hikers



## Applications

### Heat Stress Prevention

Ideal for monitoring WBGT levels in hot environments for worker safety, sports, and outdoor activities.

### Sports Training & Coaching

Useful for athletes, trainers, and coaches in tracking lap times, pacing, and endurance training.

### Workplace Safety Compliance

Suitable for OSHA-regulated environments where heat exposure monitoring is essential.

### Outdoor Activities

Perfect for marathon runners, hikers, and sports teams in high-heat conditions.

### Emergency & Rescue Services

Helps firefighters, first responders, and military personnel manage heat stress risks.

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## Specifications

Temperature range	23 ~ 122°F (-5 ~ 50°C)
WBGT range	50 ~ 122°F (10 ~ 50°C)
Accuracy	≤0°C ± 2°C (≤32°F ± 3.6°F) / >0 °C ± 1°C (>32 °F ± 1.8°F)
Resolution	1 decimal place (°C / °F)
Humidity range	RH 1 ~ 99%
Accuracy	RH ±5%
Resolution	1%
Operating Temperature	0°C ~ 50°C(32°F ~ 122°F)
Operating Humidity	RH 10% ~ 90% non-condensing
Hour format	12 hour AM / PM or 24 hour
Calendar format	D - M or M - D
Power	CR2450 (included)
Dimensions	2.5 x 4.8 x 1.3" (63 x 122 x 34mm)



## Ordering Information:

- HSW50** Heat Stress Stopwatch
- HSW50-NIST** **HSW50** including Certificate of Traceability to N.I.S.T.

## What's in the Box?

- Lanyard
- CR2450 battery (installed)