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

LIMITED PRODUCT WARRANTY 1 YEAR   **RoHS COMPLIANT**   CE   **NIST TRACEABLE CALIBRATION AVAILABLE**

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.

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)