

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)
WGBT range	50 ~ 122°F (10 ~ 50°C)
Accuracy	$\leq 0^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ($\leq 32^{\circ}\text{F} \pm 3.6^{\circ}\text{F}$) / $> 0^{\circ}\text{C} \pm 1^{\circ}\text{C}$ ($> 32^{\circ}\text{F} \pm 1.8^{\circ}\text{F}$)
Resolution	1 decimal place ($^{\circ}\text{C}$ / $^{\circ}\text{F}$)
Humidity range	RH 1 ~ 99%
Accuracy	RH $\pm 5\%$
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)

