

# WBGT Heat Stress Meter NEW

**What is the black globe temperature?**  
This is the temperature measured by a sensor inside a black globe, which absorbs radiant heat, which cannot be determined by sunlight or other temperatures alone.

- Warning levels
- Bar display
- WBGT value
- Temperature/Humidity
- Alarm



73223

- Heat stroke warning level automatically switches according to the environment and is notified by display, warning lamps, and alarms

Heat Stroke Warning Level

- Caution
- Warning
- Severe Warning
- Danger



## WBGT Value

WBGT stands for Wet Bulb Globe Temperature, also called heat index, and is an index that evaluates heat stress in a hot environment, which poses a risk of heat stroke. It is a temperature that takes into account humidity, radiant heat, and air temperature, which have a significant impact on the temperature regulation of the human body, and is expressed in °C. This product complies with JIS B 7922 Class 2 for electronic WBGT index meters, which are used to determine the risk of heat stroke due to exposure of workers, participants in sporting events, and everyday people to a hot environment.

## Features

- WBGT value can be measured (in accordance with JIS B 7922:2017 Class 2)
- Easy-to-read large LCD screen with 18 mm-character height



- Indoor/outdoor mode switching function to switch between indoor and outdoor measurements
- Band and attachment for holder/band for convenient carrying and installation
- Hook hole, tripod mounting screw hole, and band allow for various installation methods



## Use

- For measuring WBGT value
- For temperature and humidity control at construction, agriculture and other sites, or classrooms, offices, etc.
- For heat stroke countermeasures in outdoor work and places with poor ventilation

## Specifications

Accuracy	WBGT: ±2°C (in accordance with JIS B 7922: 2017 Class 2) (Temperature) 20 - 50°C: ±0.6°C Otherwise: ±1 (Humidity) 30 - 90%: ±5% (at 20~30°C) Otherwise: ±10
Measuring Range	WBGT: 0 - 50°C Temperature: 0 - 50°C Humidity: 10 - 95%
Minimum Display	WBGT: 0.1°C Temperature: 0.1°C Humidity: 0.1%
Operating Environment	Temperature: 0 - 50°C Humidity: 30 - 90% Wind Speed: 0.3 m/s or more (no bedewing)
Storage Environment	Temperature: -10 - 60°C Humidity: 30 - 90% (no bedewing)
Measurement Interval	20 sec
Heat Stroke Warning	4 levels
Alarm Volume*	Mute Small: 60 dB Large: 70 dB
Warning Lamp	2 levels
Power Source	2x AAA alkaline batteries (Batteries included are for trial use only and may not last as long)
Material	Main Unit: ABS resin Display Cover: Polycarbonate resin Display: Glass
Tripod Screw	1/4 inch
Accessories	Band, attachment for holder band, M3 screw
Compatible Products	Item Code 80831 MAG-LOCK Holder for Tape Measure

\*Volume is at a distance of 10 cm

●Parts are listed from p.274

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
73223	Basic	115×60×35	115	960910732230	5	SP