

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.

●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	4 960910 732230	5	SP

## 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