






TM-288 HEAT STRESS WBGT Meter


As the temperature increasingly rises, the chance of heatstroke increases dramatically in the moist heat environment.

This product, measuring in WBGT, provides real-time alarm immediately so as to prevent heatstroke in such the environment.

Functions:

- In compliance with JIS B 7922 Level 2
- Three applications: arm band, tripod, and hanging.
- High-sensitive capacitive humidity sensor and bandgap temperature sensor.
- Measure the WBGT, black-globe temp. (TG), Air temp. (TA), humidity (%RH).
- Low voltage indicator 
- °C or °F selectable.
- With the plastic black-globe of the diameter Ø40mm.
- Three-stage WBGT alarm selectable:  →  → mute (buzzer not displayed), cyclic setting.
- Outdoor or indoor (default is OUT) measurement mode selectable.
- Sampling interval: per 20 seconds
- Operating wind speed: 0.3 m/s or above.
- Operation temperature and humidity: 0°C to +50°C, <80%RH (No condensation)
- Storage temperature and humidity: 0°C to +60°C, <70%RH (No condensation)

Wet Bulb Globe Temperature (WBGT)

Unit	Measuring range	Alarm Default	Alarm User  Flashing
Caution	>21~25°C	mute	As exceeding the setting value, beep for 15 seconds
Extreme caution	>25~28°C	Beep for 4 seconds	
Danger	>28°C~31°C	Beep for 15 seconds	
Extreme Danger	>31°C	Beep for 3 second and pause for 2 seconds, repeat until 15 seconds	

Wet Bulb Globe Temperature (WBGT)

Unit	Measuring range	Resolution	tolerance range 15~40°C
°C	0~50.0	0.1	±2.0
°F	32.0~122.0	0.1	±3.6
※ Indoor & outdoor without sunshine "IN" :WBGT = (0.7×WET)+(0.3×TG) Outdoor in sunshine "OUT" :WBGT = (0.7×WET)+(0.2×TG)+(0.1×TA)			

Air temperature (TA)

Unit	Measuring range	Resolution	Tolerance @15~40°C
°C	0~50.0	0.1	±0.6
°F	32.0~122.0	0.1	±1.1

Black-globe temperature (TG)

Unit	Measuring range	Resolution	Tolerance @15~40°C
°C	0~80.0	0.1	±0.6
°F	32.0~176.0	0.1	±1.1

Humidity (%RH)

Unit	Measuring range	Resolution	Tolerance @25°C
%RH	30.0~90.0	0.1	±5.0%RH
%RH	<30.0 , >90.0	0.1	±7.0%RH