

HT200 Heat Stress WGBT Meter



Extech's Heat Stress WGBT (Wet Bulb Globe Temperature) Meter accurately determines the Heat Stress level (how hot it feels outside) by factoring a combination of humidity, temperature, air movement, and direct solar radiation. These factors all affect how hot our bodies get, as well as our ability to cool down. It's perfect for monitoring the Heat Index on hot humid days to prevent heat stroke during road or building construction, outdoor activities, sporting events, or in the workplace.



Features

- Uses a capacitance sensor to accurately measure Wet Bulb Globe Temperature (WGBT), Black Globe Temperature (TG), Relative Humidity (%RH), Air Temperature (TA), Wet Bulb (WT) and Dew Point (DEW)
- Heat Stress Index measures how hot it feels when humidity is combined with temperature, air movement, and radiant heat
- Black Globe Temperature (TG) monitors the effects of direct solar radiation on an exposed surface
- In/Out function displays the WGBT value with or without direct sun exposure
- WGBT high/low alarm settings
- Memory stores up to 50 readings
- Backlit LCD
- Min/Max and Data Hold
- Low battery indicator
- Auto power off with disable
- Complete with 9V battery and hard carrying case

Specifications	Ranges	Max Resolution	Basic Accuracy
WGBT - Wet Bulb Globe Temperature (w/o sunlight)	32 to 138°F / 0 to 59°C	0.1°	±1.8°F/1°C
WGBT - Wet Bulb Globe Temperature (w/sunlight)	32 to 132°F / 0 to 56°C	0.1°	±2.7°F/1.5°C
TG - Black Globe Temperature	32 to 176°F / 0 to 80°C	0.1°	±1.1°F/0.6°C
TA - Air Temperature	32 to 122°F / 0 to 50°C	0.1°	±1.5°F/0.8°C
Relative Humidity	1 to 99%RH	0.1%RH	±3%RH
Dew Point	-31.5 to 120.1°F / -35.3 to 48.9°C	0.1°	
Wet Bulb	-6.9 to 122°F / -21.6 to 50°C	0.1°	
Dimensions	Meter: 11.8 x 2.8 x 2" (300 x 70 x 50mm) Ball: 2" (50mm) diameter		
Weight	7.8oz (220g) w/o battery		

Ordering

HT200 Heat Stress WGBT Meter

