



Takes the guesswork out of heat stress calculations.

This unique heat stress meter features bright multi-color LCD backlights corresponding to OSHA's heat stress alert levels. This visual alert system can be seen at a distance allowing management and workers to be instantly aware when the heat index enters potentially dangerous zones. These features, combined with the optional audible alarm help to mitigate the risk of heat-related injuries in the workplace. Calculates heat stress values for direct sunlight and shade and displays humidity, maximum and minimum ambient (TA) and black globe (TG) temperatures. Also indicates low battery and a hold function. Comes complete with clear instructions, integrated tripod screw and 4 AAA batteries. N.I.S.T. Traceable Certificate of Compliance available (for RH & Air Temperature only).

DIM: 12" x 3" x 1½" (302 x 75 x 37 mm). WEIGHT: 10.6 oz (300 g)

No.	Description
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- 801038** WBGT Meter with Color-Coded LCD
- 801038C** WBGT Meter with Color-Coded LCD Certified
- 840052 Data Acquisition Software
- 840054 USB Cable
- 840093 Field Tripod

	Range	Resolution	Accuracy
Ambient Air Temperature	0 to 50°C 32 to 122°F	0.1	±0.6°C (1.5°F)
Globe Temperature	0 to 80°C 32 to 176°F	0.1	±1°C @15 to 40°C ±2°C outside this range
RH	5 to 90%	0.1	±4%
WBGT	0 to 50°C 32 to 122°F	0.1	±1°C @15 to 40°C ±2°C outside this range



WBGT	Screen	Workforce Precautions
< 80.0°F < 26.6°C	Gray 	Basic heat safety training and planning.
80.1 to 84.9°F 26.7 to 29.3°C	Green 	Implement precautions and heighten awareness.
85.0 to 87.9°F 29.4 to 31.0°C	Orange 	Additional precautions are necessary to protect workers.
88.0 to 89.9°F 31.1 to 32.1°C	Red 	Analysis of activity level is necessary to protect workers.
> 90.0°F > 32.2°C	Red Flashing 	Triggers even more aggressive protective measures.

Source: Manual of Naval Preventive Medicine (NAVMED P-5010) and OSHA Section 5(a)(1)