HSDL300 *Heat Stress/WBGT (Wet Bulb Globe Temperature) Datalogger*

Monitors indoor/outdoor heat stress to help limit the danger of heat-related injury

Features:

- Simultaneously displays Air Temperature or Globe Temperature, Humidity, and Wet Bulb Globe Temperature (WBGT)

- Memory stores up to 12,000 readings each containing Air Temperature, Humidity, WBGT, and Globe Temperature

- User programmable sampling rate of 1, 5, 10, 30, 60, 90, 120 minutes

- Programmable audible and visual WBGT alarm 68 to 122°F/20 to 50°C

- In/Out function switch for measuring WBGT with or without the effects of direct sunlight

- Min/Max

- °F/°C switchable

- USB interface for transferring stored readings to your PC in csv format

- Tripod mount can be used to free-up your hands when taking measurements over an extended amount of time

- Optional model complete with Certificate of Traceability to N.I.S.T.

- Includes (4) AAA batteries and mini USB Cable

- 1-year warranty

Green - Caution   *Orange - Extreme Caution*   *Red - Danger Flashing Red - Extreme Danger*

Specifications

Air Temperature	32 to 122°F (0 to 50°C)
Accuracy	±1.8°F/0.6°C
Relative Humidity	0.1 to 99.9%RH
Accuracy	±3%RH (10 to 90%RH)
Globe Temperature	32 to 176°F (0 to 80°C)
WBGT Temperature	32 to 122°F (0 to 50°C)
WBGT Alarm range	68 to 122°F (20 to 50°C)
Sampling Rate	0 , 5, 10, 30, 45, 60, 90, 120 mins
Start Delay Time	0 , 5, 30, 45, 60, 90, 120 mins
Memory	12,000 readings (csv format)
Black Ball diameter	3" (75mm)
Power	4 AAA Batteries
Dimensions	12 x 3 x 1.5" (302 x 75 x 37mm)
Weight	10.6oz (300g)

Backlight changes color with WGBT value:

No backlight below 80°F (26.7°C)
Green 80 to 85°F (26.7 to 29°C)
Orange 85 to 88°F (29.4 to 31°C)
Red 88 to 90°F (31 to 32.2°C)
Flashing Red above 90°F (32.2°C)

Applications:

For outdoor athletic training and events, construction, iron and steel foundries, brick firing plants, glass facilities, boiler rooms, mining sites, and other areas where heat stress levels should be monitored

Ordering Information:

HSDL300	Heat Stress/WBGT Datalogger
HSDL300-NIST	HSDL300 including Certificate of Traceability to N.I.S.T.

RoHS   CE

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Test Equipment & Tools

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