

## WET-BULB GLOBE TEMPERATURE (WBGT) HEAT STRESS METERS

- Measures ambient temperature, humidity, wet bulb temperature, black globe temperature, WBGT (wet bulb global temperature), heat stress index, dew point and pressure
- Heat Stress Index measures how hot it feels when humidity is combined with temperature, air movement and radiant heat
- Black Globe Temperature (GT) monitors the effects of direct solar radiation on an exposed surface
- In/Out function displays the WBGT value with or without direct sun exposure
- Internal memory stores up to 99 measurements
- User selectable unit of measure (°F or °C)
- User-adjustable WBGT threshold alarm (audible)
- Tripod mountable for long-term monitoring
- Air Temperature Range: 0 to 50°C (32 to 122°F)
- WBGT Temperature Range: 15° - 59°C (59° - 138.2°F)
- Humidity Range: 0% - 99.9% RH
- Power Supply: 4 x AAA Batteries, Optional AC Adapter



IB908

## DATA LOGGING HEAT STRESS METERS

- Measures temperature, humidity, dew point, wet bulb, black globe, indoor/outdoor WBGT
- Wet Bulb Globe Temperature (WBGT) considers the effects of temperature, humidity and direct or radiant sunlight
- Real-time data logger with integral SD memory card
- Temperature is measured in °C or °F
- Adjustable audible alarm
- Data hold and min/max functions
- User selectable sampling rate from 1 to 3600 seconds
- Tripod mount for long-term monitoring
- Indoor WBGT Range: 0° - 59°C (32° - 138°F)
- Outdoor WBGT Range: 0° - 56°C (32° - 132°F)
- TG Temperature Range: 0° - 80°C (32° - 176°F)



### REED

Model No.	Mfg. No.	Description	Price/Each
IB908	R6200	Heat Stress Meter	
HN416	CA-05A	Carrying Case	
IB820	R1500	Tripod	
IB914	R9933	33% Humidity Calibration Standard	
IB915	R9975	75% Humidity Calibration Standard	

### REED

Model No.	Mfg. No.	Description	Price/Each
IC502	R6250D	Heat Stress Meter	
IC495	RSD-16GB	16GB Memory Card	
IC494	RSD-ADP-NA	Power Adapter	

## PSYCHROMETERS

- Simultaneous display with % RH, temperature and dew point or wet bulb or external probe temperature (requires IA108)
- Calculates T1-T2 (Air temp. - External probe temp.) (requires IA108)
- Triple display with backlighting
- Max/Min readings
- Sensor cap closes to protect probe during storage
- Retrieve Max/Min/Avg readings from stored data
- Real time clock

### SPECIFICATIONS:

<b>Humidity Range:</b>	0 to 100% RH
<b>Dew Point Range:</b>	-90° to 122°F (-68° to 50°C)
<b>Wet Bulb Range:</b>	-5° to 122°F (-21° to 50°C)
<b>Internal Temp. Range:</b>	-4° to 122°F (-20° to 50°C)
<b>External Temp. Range:</b>	-4° to 158°F (-20° to 70°C)



IA000

### REED

Model No.	Mfg. No.	Description	Price/Each
IA000	8706	Digital Psychrometer	
IA108	87P6	Temperature Probe	
IB914	R9933	33% Humidity Calibration Standard	
IB915	R9975	75% Humidity Calibration Standard	

## TEMP/RH DATA LOGGERS

- Records up to 32 700 ambient temperature and relative humidity readings
- User selectable recording intervals from 1 s to 24 h
- Minimum/Maximum function with alarm
- Real-time clock stores data and time
- LCD readout displays current temperature (°F or °C) or humidity reading, min/max reading with date and time
- Download data directly to a PC via USB cable supplied
- Includes data logger, mounting bracket with screws, USB cable, software diskette, security lock and battery
- Temperature Range: -40 to 70°C (-40 to 158°F)
- Humidity Range: 0 to 100% RH



### REED

Model No.	Mfg. No.	Description	Price/Each
IA680	R6030	Temperature/RH Data Logger	

## HEAT STRESS STOP WATCHES

- Measures temperature and humidity, and calculates heat index as well as dew point
- Combines air temperature and relative humidity measurements in an attempt to determine the human-perceived equivalent temperature or "how hot it feels"
- Calendar mode displays day, date and time
- Stopwatch/chronograph mode with 1/100 second resolution
- Fastest/Slowest/Average Lap recall
- 99 lap counter with 30 lap/split memory
- 10 hour countdown timer with audible beeper warning for the last 5 seconds
- 12 or 24 hour clock operation
- Full LCD display with LED backlight
- Silent operation option
- Dual power: solar panel and battery
- 1 ATM water resistant (IPX4 rated)

### SPECIFICATIONS:

<b>Timing Capacity:</b>	9 hrs, 59 mins, and 59 secs
<b>Accuracy:</b>	±3 seconds/day
<b>Lap Memory:</b>	30 laps
<b>Heat Index Range:</b>	70 to 122°F (22 to 50°C)
<b>Temperature Range:</b>	23 to 122°F (-5 to 50°C)
<b>Humidity Range:</b>	1 to 99% RH
<b>Dimensions:</b>	2.65 x 3.6 x 0.9" (67.5 x 92 x 23 mm)
<b>Weight:</b>	2.93 oz (83 g)



### REED

Model No.	Mfg. No.	Description	Price/Each
IA987	SW700	Heat Index Stop Watch	