

HEAT STRESS PREVENTION

HEAT STRESS METERS

- Wet Bulb Globe Temperature (WBGT) considers the effects of temperature, humidity and direct or radiant sunlight
- 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 WBGT value with or without direct sun exposure
- View individual temperatures or indices in either °F or °C
- User adjustable WBGT threshold with audible alarm if threshold is exceeded
- Built-in RS-232 and USB interface
- Tripod mount design for long term monitoring

REED



IA639

SPECIFICATIONS:

Air Temp. Range:	0.0 to 50.0°C (32 to 122°F)
Black Globe Temp. Range:	0.0 to 80.0°C (32 to 176°F)
WBGT Temp. Range:	0.0 to 50.0°C (32 to 122°F)
Humidity Range:	0 to 100% RH

Model No.	Mfg. No.	Description	Price/Each
IA639	8778	Heat Stress Meter	
IB820	R1500	Tripod	
HX515	HR33	33% Humidity Calibration Standard	
HX514	HR75	75% Humidity Calibration Standard	

HEAT STRESS METER/DATA LOGGER

- Measures indoor and outdoor WBGT (Wet Bulb Globe Temperature), Black Globe (TG) temperature, humidity, wet bulb, dew point and air temperatures
- Adjustable audible WBGT alarm setting
- Real time data logger with integral 2GB SD memory card (optional)
- RS232 and USB interface
- Temperature is measured in °C or °F

REED



SPECIFICATIONS

Indoor WBGT Range:	0° to 59 °C
Outdoor WBGT Range:	0° to 56 °C
TG Temp. Range:	0° to 80 °C
Air Temp. Range:	0° to 50 °C
Humidity Range:	5 % to 95 % RH

Model No. IA794 Mfg. No. SD-2010 Price/Each \$

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"
- Full LCD display with LED backlight
- Silent operation option
- Dual power: Solar panel and battery
- 1 ATM water resistant (IPX4 rated)

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Model No. IA987 Mfg. No. SW700 Price/Each \$



EVAPORATIVE SERIES

Ergodyne's Chill-Its® Evaporative Series cooling products work hard to provide up to 4 hours of cooling relief. The secret? Three different hi-tech cooling technologies: a hyper-evaporative Microfiber fabric, space age polymer cooling crystals, and an advanced PVA material that holds water without feeling heavy.

CHILL-ITS® 6700 COOLING BANDANAS & 6710 COOLING TRIANGLE HATS

- Soak in cold water to activate
- Remains hydrated up to four hours
- Activated cooling polymers bring cooling power where you need it most to fight heat stress and fatigue
- Reusable, just re-soak



SEB137

Model No.	Mfg. No.	Colour	Price/Each
BANDANAS			
SEB128	12306	Navy Western	
SEB134	12304	Camouflage	
SEB136	12305	Red Western	
SEB137	12307	Blue	
SEB139	12341	Flames	
TRIANGLE HATS			
SAP942	12326	Navy Western	
SAP941	12325	Red Western	
SAP943	12324	Camouflage	
SEC860	12327	Blue	



SAP942

CHILL-ITS® 6700CT COOLING BANDANAS & 6710CT COOLING TRIANGLE HATS

- Advanced PVA towel material keeps you cool without the bulk
- Activates quickly and easily when run under water for one minute
- Lightweight and low profile for use with hard hats and helmets
- Tie closure for personal fit
- Reusable, just re-soak
- One size



Model No.	Mfg. No.	Colour	Price/Each
BANDANAS			
SEC683	12566	Hi-Vis Lime	
SEC684	12567	Blue	
SEI645	12562	Camouflage	
SEI646	12563	Red Western	
SEI647	12564	Navy Western	
SEI648	12568	Flames	
TRIANGLE HATS			
SEC685	12586	Hi-Vis Lime	
SEC686	12587	Blue	
SEI649	12582	Camouflage	
SEI650	12583	Red Western	
SEI651	12584	Navy Western	
SEI652	12588	Flames	



SEC685

CHILL-ITS® 6700FR FR COOLING BANDANAS

- Modacrylic cotton blend fabric
- Soak in water 2-5 minutes to activate
- Remains hydrated for up to four hours
- Meets ASTM F2302 for flame resistance
- Fabric meets ASTM F1506 performance requirements
- ATPV rating: 7.1 cal/cm², CAT 1



SEI655

Model No.	Mfg. No.	Colour	Price/Each
SEI655	12601	Hi-Vis Lime	
SEI656	12607	Blue	



COLOURS & PATTERNS

All colours not necessarily available in all styles.



CHILL-ITS® 6602 COOLING TOWELS

- Dampen this synthetic space age towel to create a cooling aid significantly cooler than ambient air
- Advanced PVA material holds water without feeling heavy
- Super-evaporative, reduces the effect of heat stress and fights fatigue
- Wear for hours, or wipe for quick relief
- Simply re-wet the towel to reactivate
- Machine washable



Model No.	Mfg. No.	Colour	Price/Each
SEB126	12420	Blue	
SEI753	12439	Hi-Vis Lime	
SEI754	12441	Orange	
SEI755	12442	Pink	
SEI756	12438	Grey	

