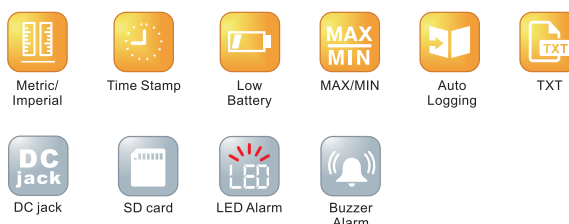


HEAT STROKE PREVENTION METER



Desktop WBGT Real Time Monitor 87797(w/logging) 87796(No logging)

- Simultaneously display/record WBGT, Temp. and RH
- Check dangerous heat conditions through WBGT index
- Long battery life (via alkaline battery)
 - no logging: one year
 - logging: one month (sampling rate:1min, 1G SD card)
- Programmable WBGT LED/Audible alarm threshold
- Programmable recording sampling rate (87797)
- SD card design for continuous recording (87797)



Model	87797	87796
Temp. range	0~50°C (Display: -10.0~70.0°C)	
Temp. resolution	0.1°C/°F	
Temp. accuracy	+/-1°C	
Humidity. range	0.1%~99.9%RH	20~90%RH (Display:0%~99.9%RH)
Humidity resolution	0.1%RH	
Humidity accuracy	+/-3%RH (at 25°C, 10~90%RH, others +/-5%RH)	+/-5%RH (at 25°C, 10~90%RH, others +/-7%RH)
WBGT temp. range	0~60.0°C	
SD card	SD card or SDHC card (NO MMC and SDXC cards)	N/A
Sampling rate	1 to 720 mins. Default:10 mins	N/A
Beeper (dB)	~65dB	
RH% Self calibration	YES, via salt chamber	
Power consumption	<0.4mA	<0.11mA
LCD size (mm)	63(H)x70(W)	
Operation temp.	0~50°C	
Operation RH%	Humidity < 90%	
Storage temp.	-10~50°C	
Storage RH%	Humidity < 90%	
Dimension(mm)	110x91x30(H)	
Weight	~200g	
Power	AA x3pcs or 5V adaptor	AA x3pcs
Standard Package	Meter/adaptor/Manual/Paper box/SD card	

What is WBGT?

The Wet Bulb Globe Temp. (WBGT) is a composite temperature used to estimate the effect of temperature, humidity, wind speed and solar radiation on humans. It is used by industrial hygienists, athletes, and the military to determine appropriate exposure levels to high temperatures.

WBGT & Physical exercise

WBGT	Flag	Activity Intensity
< 80°F < 26.7°C	White	Normal activity. Caution should be taken.
80-84.9°F 26.7-29.4°C	Green	Discretion is required in planning intense physical activity.
85-87.9°F 29.4-31°C	Yellow	Intense activity for new and acclimatized persons should be curtailed.
88-89.9°F 31-32.2°C	Red	Intense exercise must be curtailed for those with less than 12 weeks training in hot weather. Be on high alert
> 90°F > 32.2°C	Black	Cancel all outdoor exercise.

Source: Manual of Naval Preventive Medicine (NAVMEP P-5010)

Ordering Code

VZ87797AZ, 87797 logger
VZ87796AZ, 87796 monitor

