

WBGT-103 Heat Stroke Checker

for Prevent Heat Stroke While Sporting!

American College of Sports Medicine, US Army, Japan Amateur Sports Association and the other authorized groups advocates WBGT index for integrated evaluation of thermal environments in order to manage better health care in prevention of heat stroke.



- Read WBGT index easily by hand-held metering.
- Display appears instantly when power is turned on.
- Display can be switched to temperature, relative humidity and globe temperature.

Prevent Heat Stroke While Sporting Activities!



KYOTO ELECTRONICS

Prevention of Heat Stroke

Heat stroke suddenly occurs to healthy persons during sports or outdoor drills, but it can be avoided by adequate preventive measures. Once someone dies from heat stroke during such activities, responsibility of the manager would be questioned, and the leader may be sued in some cases, which actually happened in the past. In order to prevent heat stroke, the health care organizations in the world agree to recommend to the public the measurement of WBGT index, which shows thermal conditions in the surroundings and indicates integrated evaluations including appropriate water supply and taking rests in intervals. **This vital WBGT index can be easily measured by a handy portable type meter like the WBGT-103 designed for the widespread use.**

Prevention guides from heat stroke

WBGT(°C)	
—31—	Cancel activities
	Avoid hard exercise like jogging or marathon
—28—	Take a rest from time to time and supply water
—25—	Drink water freely at intervals
—21—	Less risk of heat stroke but drink water if necessary

*Recommended by Japan Amateur Sports Association, Sports Medical Science Committee.

Operating procedure

Power ON	WBGT index appears
↓	
Switch ON	Temperature appears
↓	
Switch ON	Relative humidity appears
↓	
Switch ON	Globe temperature appears

*Indoor/outdoor measurement can be switched.

Specifications

Type and model name	WBGT-103 Heat Stroke Checker	
Measuring range	WBGT	: 0 ~ 50°C
	Temperature	: 0 ~ 50°C
	Relative humidity	: 10 ~ 90%RH
	Globe temperature	: 0 ~ 60°C
Precision (Under breezing condition)	WBGT	: ±2°C (15 ~ 35°C)
	Temperature	: ±1°C (15 ~ 40°C)
	Relative humidity	: ±5% (20 ~ 80%)
	Globe temperature	: ±2°C (15 ~ 50°C)
Battery life	Approximately 70 hours in continuous use	
Power source	AAA dry cell (1.5V) x 2	
Weight	Approx. 150g	
Accessories	Carrying case	1 piece
	AAA dry cell (1.5V)	2 cells
	User's manual	1 copy

Appearance and dimensions

