

Wet Bulb Dry Globe Thermometer (WBGT) Meter

The WBGT meter mathematically integrates measurements of air temperature, humidity, and radiant heat into a single value known as the WBGT Index. The WBGT Index is used with a worker's physical exertion level to calculate the Physiological Heat Exposure Limit (PHEL) Curve. The PHEL Curve stay time indicates the length of time an individual can safely continue to work in a specific heat stress environment at a specific level of physical exertion.