



# hs-32 Heat Stress Monitor

- Calculates and displays WBGT indoors and outdoors
- Heat index and Humidex values
- Multilingual display
- Real-time relative humidity readings measured directly with RH sensor
- Optional multiple remote sensor bars
- Tough, RFI-shielded construction
- Intrinsically safe



## hs-32 Heat Stress Monitor

The Metrosonics hs-32 general-purpose area heat stress monitor quickly measures the high humidity, temperature, and radiant heat conditions that can cause heat stroke and heat-induced illness. The monitor, with an on-board humidity sensor, quickly displays accurate WBGT, relative humidity, Humidex, and Heat Index. Set up options include degrees in C or F and multiple languages. The hs-32 standard features include a covered wetbulb reservoir, 2-inch globe, shielded drybulb, and relative humidity sensor. Optional features include a head/torso/ankle sensor kit, 6-inch globe, and rechargeable NiMH battery. With the most rugged case design in the industry, the hs-32 can be conveniently handheld or fixed-mounted for industrial, environmental, and meteorological applications.

<b>Data Displayed</b>	globe, drybulb, wetbulb, WBGTin, WBGTout, WBGT weighted average (with optional 3 sensor sets), relative humidity, and heat index or Humidex (in English, Spanish, French, German, or Italian)
<b>Accuracies</b>	Temperature: $\pm 0.5$ C (0.9 F) (wet, dry, and globe), RH: $\pm 5\%$
<b>Power/Run Time</b>	9 V alkaline (approximately 150 hrs), rechargeable NiMH battery option, or AC power adapter
<b>Dimensions/Weight</b>	23.5 x 18.3 x 7.5 cm (9.2 x 7.2 x 3 in), 1.2 kg (2.6 lbs)
<b>Intrinsic Safety/Standards</b>	ETL, cETL (certified to meet UL913 and CSA-E79-11-95 standards) Class I, II, III Groups A,B,C,D,E,F,G, Temp code T3, EEx ia IIc T3 (no ATEX), CE marked
<b>Operating Temperature Range</b>	Sensor Assembly: -5 to +100 C (23 to 212 F) Electronics: -5 to +60 C (23 to 140 F)
<b>Operating Relative Humidity Range</b>	0 to 100% (extended exposure to humidity > 90% can cause a reversible shift of 3%); non-submersible

Description	Cat. No.
<b>hs-32 Heat Stress Monitor</b> includes monitor, 9 V alkaline battery, water bottle, wick kit, calibration verification module, and storage case	<b>758-HS32</b>
<b>hs-32 Heat Stress Monitor with Charger (220 V)</b> includes monitor, NiMH rechargeable battery, water bottle, wick kit, calibration verification module, 220 V charger, and storage case	<b>758-HS32NM</b>

For more information and specifications, visit [www.metrosonics.com/Heat/index.htm](http://www.metrosonics.com/Heat/index.htm).

