



# TEMPERATURE-HUMIDITY METERS – 2015



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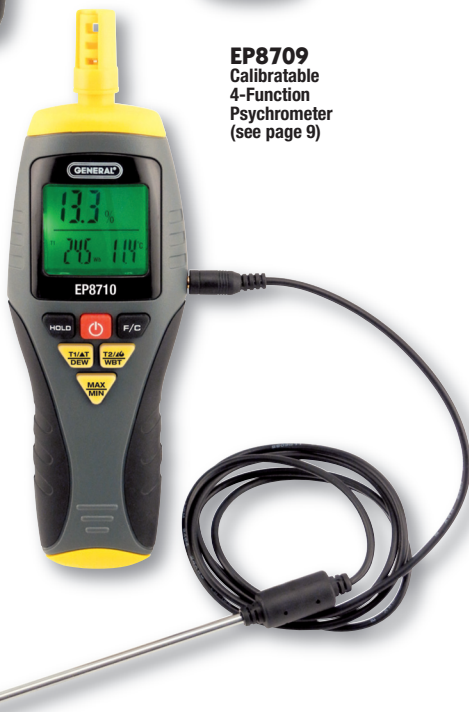




**EP8703**  
 Calibratable  
 3-Function  
 Psychrometer  
 (see page 9)



**EP8709**  
 Calibratable  
 4-Function  
 Psychrometer  
 (see page 9)



**EP8710**  
 Calibratable  
 7-Function  
 Psychrometer  
 (see page 9)

**RHMG650**  
 9-In-1 Thermo-  
 Hygrometer  
 with Integral  
 Pin/Pinless  
 Moisture Meter  
 (see pages 4 and 5)



**RHMG700DL**  
 14-in-1 Data  
 Logging Thermo-  
 Hygrometer with  
 Integral Pin/Pinless  
 Moisture Meter  
 (see pages 6 and 7)



**EP8711P**  
 6-In-1 In-Duct  
 Psychrometer  
 with Enthalpy  
 (see page 8)



**DAF3009**  
 8-in-1  
 Mini Airflow Volume  
 Anemometer-Psychrometer  
 with Enthalpy (see page 8)



**HT08**  
 Mini USB RH/Temp/GPP  
 Data Logger  
 (see pages 12 and 13)

# Multi-Function Psychrometer with GPP



## 9-IN-1 THERMO-HYGROMETER WITH INTEGRAL PIN/PINLESS MOISTURE METER – RHM650

Ideal for water damage remediators and facility maintenance professionals

### FEATURES

- Measures:
  1. Ambient Temperature
  2. Relative Humidity (RH)
  3. Absolute Humidity (in mg/L or g/m<sup>3</sup>)
  4. GPP (mixing ratio—in grains per pound or g/kg)
  5. Dew Point
  6. Atmospheric Pressure
  7. Vapor Pressure
  8. Relative Moisture Level using pinless sensor
  9. Absolute Moisture Level using included pin-type probe
- Stores/recalls 20 pairs of readings
- Settable high and low alarms for RH and moisture levels
- Backlit LCD with 3-digit primary readout + 4-digit secondary readout
- Min/Max, Data Hold, and 30-minute Auto Power Off functions
- 1-year limited warranty



also Measures

**GPP**  
g/kg



RHM650



Detect potential moisture problems without making pinholes



Check ambient temperature and humidity during restoration drying



Check wood for dampness or rot



Locate moisture/water damage



A kiln will dry these hardwood boards to a moisture content of <10%



# Multi-Function Psychrometer with GPP

## 9-IN-1 THERMO-HYGROMETER WITH INTEGRAL PIN / PINLESS MOISTURE METER – RHM650

Ideal for water damage remediators and facility maintenance professionals

**SPECIFICATIONS:**

- ◆ Ambient Temperature Range/Accuracy: -20° to 167°F (-29° to 75°C) / ±3.6°F (2°C)
- ◆ RH Measurement Range: 0 to 100%
- ◆ RH Measurement Accuracy: ± 2.5% from 11 to 90%; ± 3% below 11% and above 90%
- ◆ Absolute Humidity Range: 0.5 to 240mg/m3 (mg/L)
- ◆ GPP Range: 0 to 999 GPP (0 to 160g/kg)
- ◆ Relative/Absolute Moisture Level Range: 0 to 99.9%
- ◆ Pinless Moisture Measurement Depth: 0.75 in. (19mm)
- ◆ Dew Point Range: -76° to 140°F (-60° to 60°C)
- ◆ Atmospheric Pressure Range: 30 to 120 kPa
- ◆ Vapor Pressure Range: 0 to 20.0 kPa
- ◆ Sampling Rate: 2X/sec
- ◆ Operating Temperature: 32° to 110°F (0° to 43°C)
- ◆ Dimensions: 7.3 x 2.8 x 1.4 in. (185 x 72 x 36mm)
- ◆ Weight: 6.2 oz. (175g), without battery
- ◆ Power Source: 1 “9V” battery (included)

**INCLUDES:**

- Meter
- Pin-type Moisture Level Probe
- Sensor Protection Cap,
- 1 “9V” Battery
- User’s Manual
- 1-Year Limited Warranty

UPC	NO.
01608 4	RHM650



Inductive sensor at top measures moisture levels without marring finished surfaces



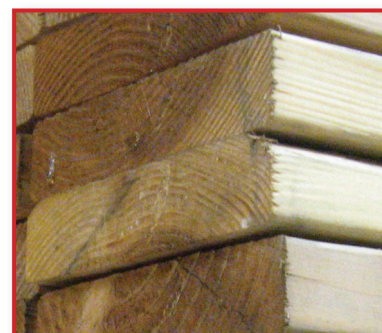
RHM650



Check ambient temperature and humidity during restoration drying



Detect potential moisture problems without making pinholes



Check wood for dampness or rot





# Data Logging Psychrometer with GPP

## 14-IN-1 DATA LOGGING THERMO-HYGROMETER WITH INTEGRAL PIN / PINLESS MOISTURE METER – RHM700DL

Ideal for water damage remediators and facility maintenance professionals. Measures multiple heat and humidity parameters.

**FEATURES:**

- Measures:
  1. ambient temperature
  2. relative humidity (RH)
  3. absolute humidity (in mg/L or g/m<sup>3</sup>)
  4. GPP (mixing ratio—in grains per pound or g/kg)
  5. relative moisture level using pinless sensor
  6. absolute moisture level using included pin-type probe
  7. dew point
  8. wet bulb temperature
  9. surface temperature using included “K” type probe
  10. condensation temperature using included “K” type probe
  11. atmospheric pressure
  12. vapor pressure
- Stores/recalls 20 pairs of readings
- Logs up to 8000 data points internally, for later download and display as Excel-formatted graph or table on Windows PC using included software, driver and USB cable
- Backlit LCD with 3-digit primary readout + 4-digit secondary readout
- Min/Max, Data Hold, and 30-minute Auto Power Off functions



**GPP**  
g/kg

**WET**  
**BULB**

**DEW**  
**POINT**

Two Interfaces  
**“K” PORT**  
**MINI USB**



Check ambient temperature and humidity during restoration drying



RHM700DL

Detect potential moisture problems without making pinholes



Check for dampness or rot



# Data Logging Psychrometer with GPP

**14-IN-1 DATA LOGGING THERMO-HYGROMETER WITH INTEGRAL PIN / PINLESS MOISTURE METER – RHMG700DL**

Ideal for water damage remediators and facility maintenance professionals. Measures multiple heat and humidity parameters.

**SPECIFICATIONS:**

- ◆ Ambient Temperature Range / Accuracy: -20° to 167°F (-29° to 75°C) / ±3.6°F (2°C) typical
- ◆ RH Measurement Range / Accuracy: 0 to 100% / ±2.5% typical
- ◆ Absolute Humidity Range: 0.5 to 240mg/m<sup>3</sup> (mg/L)
- ◆ GPP Range: 0 to 999 GPP (0 to 160g/kg)
- ◆ Dew Point Range: -76° to 140°F (-60° to 60°C)
- ◆ Atmospheric Pressure Range: 30 to 120 kPa
- ◆ Vapor Pressure Range: 0 to 20.0 kPa
- ◆ Relative / Absolute Moisture Level Range: 0 to 99.9%
- ◆ Pinless Moisture Measurement Depth: 0.75 in. (19mm)
- ◆ Sampling Rate: 2X/sec
- ◆ Memory Capacity: 20 pairs of readings
- ◆ Power Source: 1 "9V" battery (included)

**INCLUDES:**

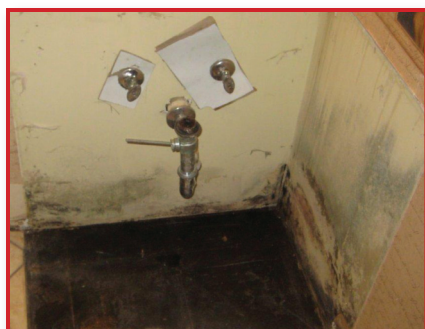
- Meter,
- PC Data Logging Software and Driver on Mini-disc
- USB Cable
- Pin-type Moisture Probe
- "K" Type Thermocouple Probe
- Sensor Protection Cap
- Battery
- User's Manual
- 1-Year Limited Warranty

UPC	NO.
01620 6	RHMG700DL

Inductive sensor on back measures moisture levels without marring finished surfaces



RHMG700DL



Locate moisture/water damage



A kiln will dry these hardwood boards to a moisture content of <10%



# Psychrometers with Enthalpy

	WB
RH	GPP g/kg
DP	Btu/lb. kJ/kg



EP8711P

Measuring a system's enthalpy of vaporization

## 6-IN-1 IN-DUCT PSYCHROMETER WITH ENTHALPY – EP8711P

Ideal for HVACR technicians; offers the ability to measure six heat-related parameters using a single instrument. The EP8711P is designed for in-duct measurements of the evaporator unit's output needed to fine-tune the system for optimum efficiency. By calculating the enthalpy of the system, the device allows a technician to compare a system's efficiency before and after charging with a refrigerant.

The EP8711P has a 6-inch long swiveling and graduated sensor-tipped probe designed to measure conditions inside ductwork in order to better diagnose system performance issues. It features a 4-digit, 1.5 in. (38mm) LCD display that can swivel, a 6-inch probe with graduated insertion depth markings and an adjustable rubber bushing. A protective probe cap and a belt clip make the meter ultra-portable and ready for use on the job.

**FEATURES:**

- Measures:
  - 1) ambient temperature
  - 2) relative humidity (RH)
  - 3) dew point (DP)
  - 4) wet bulb temperature (WBT)
  - 5) absolute humidity (mixing ratio in grains per pound (GPP) or g/kg)
  - 6) enthalpy in Btu/lb. or kJ/kg of air
- Integral 6 in. long sensor-tipped probe for measuring conditions inside ductwork. Probe swivels, increasing placement options.
- Choice of Imperial or metric units for all measured parameters except RH
- 4-digit LCD
- 2-minute Auto Power Off (APO) function
- Low battery indicator

UPC	NO.
01677 0	EP8711P

**SPECIFICATIONS:**

- ◆ Ambient Temperature Measurement Range / Accuracy: -4° to 158°F (-20° to 70°C) / ±0.9°F (0.5°C) typical
- ◆ Temperature Measurement Resolution: 0.1°
- ◆ RH Measurement Range / Accuracy: 0 to 100% / ±3% typical
- ◆ Dew Point Temperature Range: -76° to 158°F (-60° to 70°C)
- ◆ Wet Bulb Temperature Range: -49° to 158°F (-45° to 70°C)
- ◆ Enthalpy Range: -8 to 318 Btu/lb. (-19 to 740kJ/kg) of air
- ◆ Display Size: 1.5 in. (38mm) diagonal
- ◆ Battery Life: 1000 hours (typical)
- ◆ Dimensions: 8.23 x 1.85 x 1.85 in. (209 x 47 x 47mm)
- ◆ Weight (without battery): 2.2 oz. (63g)
- ◆ Power Source: (3) "AAA" batteries (included)



**INCLUDES:**

- Meter with Probe
- Probe Sensor Protection Cap
- Rubber Duct Insertion Bushing
- Batteries • User's Manual
- 1-Year Limited Warranty

CFM CMM	CE RoHS
------------	------------

Btu/lb. kJ/kg
------------------



WB
----

DP
----

WCI
-----

RH
----



DAF3009

## 8-IN-1 MINI AIRFLOW VOLUME ANEMOMETER-PSYCHROMETER WITH ENTHALPY – DAF3009

Ideal for measuring all parameters, including airflow volume and enthalpy, needed to install, test and fine-tune the performance of an HVAC/R system

**MEASURES:**

- Airflow Volume in ft<sup>3</sup>/min (CFM) or m<sup>3</sup>/min (CMM)
- Air Speed (with Min, Max, Avg session values)
- Enthalpy (Btu/lb.): in HVAC/R applications, a measure of the amount of energy needed to vaporize the refrigerant
- Ambient Temperature
- Dew Point (DP) Temperature
- Wet Bulb (WB) Temperature
- Wind Chill Index (WCI)
- Relative Humidity (RH)

**RANGES / ACCURACIES**

- ◆ Airflow Volume: 0 to 591,000 CFM (0 to 16,740 CMM) / ±3% typical
- ◆ Air Speed: 80 to 5910 ft./min (0.4 to 30 m/s) / ±3% typical
- ◆ Enthalpy: -8 to 318 Btu/lb. (-19 to 740 kJ/kg)
- ◆ Temperature: 32° to 122°F (0° to 50°C) / ±1.8°F (1°C) typical
- ◆ Dew Point (DP): -67° to 122°F (-55° to 50°C)
- ◆ Wet Bulb (WB): -31° to 122°F (-35° to 50°C)
- ◆ Relative Humidity (RH): 0 to 100% / ±3% typical

**INCLUDES:**

- "CR2032" Battery (pre-installed)
- User's Manual
- 1-Year Limited Warranty

UPC	NO.
01696 1	DAF3009





### CALIBRATABLE MULTI-FUNCTION PSYCHROMETERS – EP8703, EP8709, EP8710

Ideal for accurately measuring any environment's temperature, relative humidity (RH), dew point and other condensation-related parameters.

#### FEATURES:

- Jumbo backlit display with double (EP8703, EP8709) or triple (EP8710) readout
- Field calibratable using optional 33% and 75% salts
- Data hold and Max/Min buttons (EP8709 and EP8710 only)
- Also calculates and displays wet bulb temperature (EP8709 and EP8710 only)
- Using included external probe (EP8710 only), can also measure: 1) the difference between an object's internal and surface temperatures or 2) an object's condensation temperature—the difference between its surface temperature and the dew point temperature
- °F/°C switch
- 20-minute Auto Power Off (can be disabled for calibration)
- Low battery indicator

#### SPECIFICATIONS:

- ◆ Ambient Temperature Measurement Range: 14° to 122°F (-10° to 50°C)
- ◆ Ambient Temperature Measurement Accuracy/Resolution: ±1.8°F (±1.0°C)
- ◆ External Temperature Probe Measurement Range (EP8710 only): 14° to 158°F (-10° to 70°C)

- ◆ External Temperature Probe Measurement Accuracy (EP8710 only): ±1.8°F (±1°C)
- ◆ External Probe Cord Length: 48 in. (1.22m)
- ◆ Temperature Measurement Resolution: 0.1°
- ◆ RH Measurement Range: 0 to 99.9%
- ◆ RH Measurement Accuracy: ±3% from 5% to 95% RH
- ◆ RH Measurement Resolution: 0.1%
- ◆ RH Response Time: <80 seconds
- ◆ Current Consumption: <15mA
- ◆ Battery Life: 60 hours (typical)
- ◆ Dimensions: 7.56 x 2.40 x 1.57 in. (192 x 61 x 40mm)
- ◆ Weight (without battery): 3.77 oz. (107g)
- ◆ Power Source: (1) "9V" battery (included)

#### INCLUDES:

- Sensor Protection Cap
- Battery
- User's Manual
- External Temperature Probe (EP8710 only)
- 1-Year Limited Warranty

UPC	NO.
01632 9	<b>EP8703</b> (3-Function)
01630 5	<b>EP8709</b> (4-Function)
01631 2	<b>EP8710</b> (7-Function)
15060 3	<b>HR33</b> Calibration Salt MgCl 33% (optional)
15070 2	<b>HR75</b> Calibration Salt NaCl 75% (optional)



**EP8703**  
N



**EP8709**  
N



**EP8710**  
N



CE



EP8706  
N

### CALIBRATABLE PSYCHROMETER – EP8706

Ideal for accurate handheld measurements of temperature and humidity.

**FEATURES:**

- Jumbo display, triple read-out
- Rotating head to protect sensor
- Field calibratable humidity measurement
- Auto power off
- Min/Max memory + data hold
- CE approved

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- ◆ Temperature Measurement Accuracy: ±1.2°F (±0.6°C)

- ◆ RH Measurement Range: 10 to 90%
- ◆ RH Measurement Accuracy: ±3% of reading
- ◆ Response Time: 60 seconds
- ◆ Power Source: 2 “AAA” batteries (included)

**INCLUDES:**

- Batteries
- User’s Manual
- 1-Year Limited Warranty

UPC	NO.
10041 7	<b>EP8706</b>
10043 1	<b>P8706</b> External Temperature Probe (optional)
15060 3	<b>HR33</b> 33% Calibration Salt (optional)
15070 2	<b>HR75</b> 75% Calibration Salt (optional)



SAM990DW  
N

### PSYCHROMETER WITH DEW POINT AND WET BULB – SAM990DW

Ideal for monitoring environmental conditions.

**FEATURES:**

- Measures and displays RH and ambient, wet bulb and dew point temperatures
- No twirling or charts necessary
- Min/Max memory + data hold
- °C/°F switch
- 20-minute auto power off (can be disabled for calibration)
- Low battery indication

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- ◆ Temperature Measurement Accuracy: ±1.8°F (±1°C)
- ◆ Relative Humidity Measurement Range: 10 to 90%

- ◆ RH Measurement Accuracy: ±3% of reading
- ◆ Dew Point Measurement Accuracy: ±1.2°F (±0.6°C)
- ◆ Response Time: 60 seconds (approx.)
- ◆ Dimensions: 6.7 x 1.85 x 0.5 in. (170 x 22 x 13mm)
- ◆ Weight: 4 oz. (113g)
- ◆ Power Source: 2 “AAA” batteries (included)

**INCLUDES:**

- Protective Cap With Pocket Clip
- Batteries
- User’s Manual
- 1-Year Limited Warranty

UPC	NO.
10025 7	<b>SAM990DW</b>
15060 3	<b>HR33</b> 33% Calibration Salt (optional)
15070 2	<b>HR75</b> 75% Calibration Salt (optional)



SP100CR

### SLING PSYCHROMETER – SP100CR

Calculate relative humidity by measuring evaporation.

**FEATURES:**

- Red Spirit filled thermometers
- High impact plastic construction
- Fast, accurate and easy to use
- No assembly required
- Classic twirling design

**SPECIFICATIONS:**

- ◆ Temperature Range: -5° to 50°C
- ◆ Dimensions: 8.25 x 1.25 x 0.625 in. (210 x 32 x 16mm)

**INCLUDES:**

- Two Thermometers
- One Wick

UPC	NO.
10215 2	<b>SP100CR</b>
10265 7	<b>SPR109</b>
10270 1	<b>SPR120</b>

Replacement parts:

**SPR109** - Two °C Replacement Thermometers

**SPR120** - Six Replacement Wicks



# Psychrometers/Analog Humidity Calculator

## TWIRLING PSYCHROMETER – TSP200RC

For measuring temperature and humidity.

**FEATURES:**

- °C temperature readout
- Extra large handle
- High impact plastic construction
- Fast, accurate and easy to use
- Classic twirling design
- Red Spirit filled

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: 0° to 50°C
- ◆ Temperature Measurement Accuracy: ±0.3°C
- ◆ Humidity Measurement Range: 10 to 100%
- ◆ Humidity Measurement Accuracy: ±3%
- ◆ Dimensions: 8.5 x 1.75 x 1 in. (216 x 45 x 25mm)
- ◆ Weight: 7.05 oz. (200g)

**INCLUDES:**

- Two Thermometers • One Wick

UPC	NO.
10225 1	TSP200RC
10202 2	RTSP Replacement °C Thermometers (2)
10270 1	SPR120 Set of 6 Replacement Wicks



TSP200RC

## MASON'S HYGROMETER – MH120

Measures relative humidity.

**FEATURES:**

- Measures relative humidity by comparing wet and dry bulb thermometers
- Includes two red spirit thermometers in a sturdy white plastic case and plastic reservoir bottle
- Dual scale readings

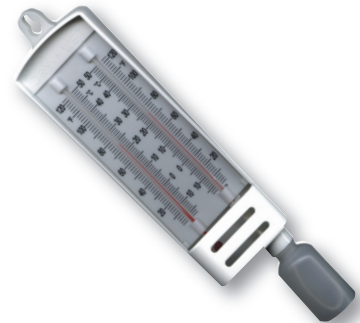
**SPECIFICATIONS:**

- ◆ Operating Temperature: 0° to 120°F (-15° to 50°C)
- ◆ Dimensions: 12.25 x 2.75 x 0.85 in. (311 x 70 x 22mm)

**INCLUDES:**

- Conversion chart

UPC	NO.
23005 3	MH120



MH120

## ANALOG TEMPERATURE/HUMIDITY CALCULATOR – HC880

Ideal for calculating dry/wet bulb temperatures and relative humidity percentages for industrial processes.

**FEATURES:**

- Easy-to-read
- Pocket sized
- Made in the U.S.A.

**SPECIFICATIONS:**

- ◆ Dry Bulb Temperature Range: 30° to 120°F (-1° to 49°C)
- ◆ Wet Bulb Temperature Range: 20° to 120°F (-7° to 49°C)
- ◆ Relative Humidity Range: 10 to 95%

UPC	NO.
16110 4	HC880



HC880



**HT08: Mini RH/Temp/GPP Data Logger**  
**HT10: RH/Temp/GPP Data Logger**  
**HT20: RH/Temp/GPP Data Logger w/ LCD**  
**HT50: RH/Temp/GPP Data Logger w/ LCD & IRT**

These data loggers can be deployed on a job site or in key areas of a facility and left unattended for days, weeks or months. The temperature and humidity readings they make and collect can be uploaded to a PC and viewed in Excel, making it easy to spot trends and unexpected excursions.

**APPLICATIONS:**

- **Water damage restoration** — Units can be deployed and left in place over duration of the job to monitor the drying process
- **Process control** — Simpler, more cost-effective monitoring of office buildings, greenhouses, food and equipment storage facilities, wineries, freezers, shipping containers, HVAC/R installations, computer rooms, labs, libraries and museums
- **Electronics manufacturing** — Monitor and/or data log RH/temp to control high-voltage static discharge

**FEATURES & BENEFITS:**

- One button starts/stops logging without a PC
- USB interface; no need for cables, cradles or docks
- Included interface software enables setting of: Sampling time from 10 seconds to 12 hours; Hi/Lo alarm setpoints for humidity and ambient temperature; Temperature unit (°F or °C)
- Software also calculates dew point and wet bulb temperatures, and mixing ratio as GPP (Grains per Pound) or GPK (Grains per Kilogram)
- One-click exporting of data logs to Excel or Word
- Automatically syncs to your computer's clock; no need to set date and time
- LCD displays real-time humidity and temperature readings and device working status (HT20 and HT50 only)
- IRT with 2:1 D:S ratio enables spot-checking of surface temperatures (HT50 only)
- Magnetic back simplifies storage and deployment

**INCLUDES:**

- Windows®-Compatible Software
- USB Extension Cable
- Non-rechargeable "1/2 AA" Li-ion Battery
- User's Manual
- 1-Year Limited Warranty

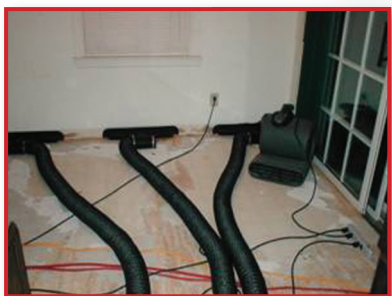
UPC	NO.
01695 4	<b>HT08</b>
01501 8	<b>HT10</b>
01503 2	<b>HT20</b>
01504 9	<b>HT50</b>
72015 8	<b>BA10</b> Extra "1/2 AA" Battery (optional)



**GPP  
g/kg**

**WET  
BULB**

**USB**



Monitor water damage restoration

**IRT**

**GPP  
g/kg**

**WET  
BULB**

**USB**



# USB Temperature-Humidity Data Loggers

HT08  
N



HT10  
N



HT20  
N



HT50  
N



Laser radiation!  
Do not stare into beam!

Monitor greenhouse temperature and humidity



## SPECIFICATIONS

Model No.	HT08/HT10	HT20	HT50
Name	USB RH/Temp/GPP Data Logger w/LEDs	USB RH/Temp/GPP Data Logger w/LCD	USB RH/Temp/GPP Data Logger w/LCD & IRT
Temperature Range/Accuracy	-4° to 158°F (-20° to 70°C)/ ±1.8°F (1°C) from 14° to 104°F (-10° to 40°C); ±3.6°F (2°C) elsewhere in range		
Temperature Resolution	±0.2°F (0.1°C)		
RH Range/Accuracy	0 to 100%/±3% from 20 to 80%RH, ±3.5% elsewhere		
RH Resolution	0.1%		
GPP Measurement Range	0 to 1500 GPP (0 to 285g/kg)		
Internal Storage Capacity	16,000 pairs of RH & temp readings	16,000 pairs of RH & temp readings/10,000 RH & temp sets + IR readings	
IRT Range	N/A	-4° to 482°F (-20° to 250°C)	
IRT Accuracy/Resolution	N/A	±5°F (3°C) below 32°F (0°C); ±4°F (2°C) above 32°F/±0.2°F (0.1°C)	
IRT Distance-to-Spot Ratio	N/A	2:1	
IRT Emissivity	N/A	0.95 (fixed)	
IRT Response Time	N/A	0.5 seconds	
Laser Power	N/A	<1mW (Class 2)	
Dimensions	HT08: 3.58 x 0.98 x 0.86 in. (91 x 25 x 21mm) HT10/HT20: 4.96 x 1.10 x 2.01 in. (126 x 28 x 51mm)	4.92 x 1.69 x 0.91 in. (125 x 43 x 23mm)	
Weight	<7 oz. (<200g)		
Power Source	3.6V Non-rechargeable Lithium-Ion Battery (Type SB-AA02)		
What's Included	Battery, Software, USB Extension Cable, User's Manual		
Battery Life (typical)	1 year		
Limited Warranty Term	1 year		



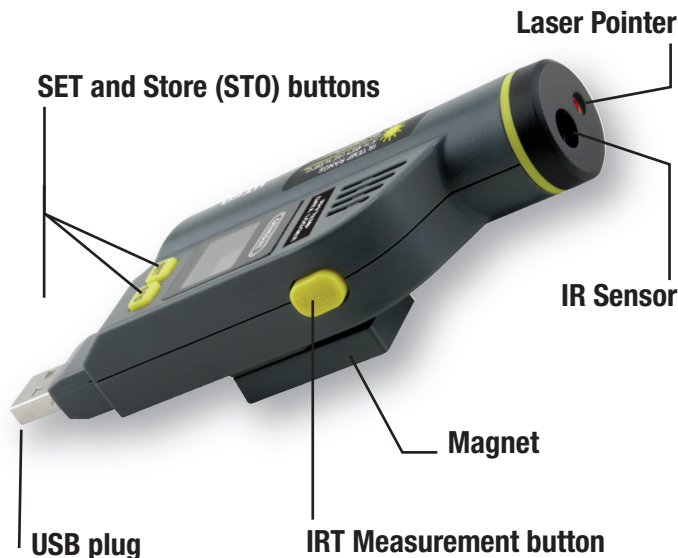
Monitor the drying part of water damage restoration



Monitor a climate-controlled food warehouse



Monitor storage facility temperature and humidity





## DATA LOGGING TEMPERATURE-HUMIDITY MONITOR WITH JUMBO DISPLAY – LRTH185DL

Ideal for temperature/humidity monitoring of labs, computer rooms, clean rooms, and other critical areas.



**LRTH185DL1**  
N  
Shown complete with LRTH185DLP 1m probe

**FEATURES:**

- Complete environmental monitor and alarm
- Wall-mounted, LED type, easy reading
- Settable Hi & Lo temperature & humidity alarms
- Field calibratable humidity measurement
- Data logging capacity of 30,000 records
- USB interface
- Main in Taiwan
- CE and RoHS approved

UPC	NO.
01312 0	LRTH185DL
01365 6	LRTH185DL1 with 1 meter probe
01364 9	LRTH185DLP 1 Meter Probe (optional)
15060 3	HR33 33% Calibration Salt (optional)
15070 2	HR75 75% Calibration Salt (optional)

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: -4° to 140°F (-20° to 60°C)
- ◆ Temperature Measurement Accuracy: ±1.8°F (±1°C) between 32° and 104°F; ±3.6°F (±2°C) elsewhere
- ◆ Relative Humidity Measurement Range: 5 to 95%
- ◆ RH Measurement Accuracy: ±2%
- ◆ Temperature, Humidity Resolutions: 0.1°F (0.1°C), 0.1% RH
- ◆ Relative Humidity Response Time: less than 4 seconds
- ◆ Display Dimensions: 8.4 in. x 4.73 in. (214 x 120mm)
- ◆ Power Loss Data Backup: 1 “9V” battery (included)
- ◆ Dimensions: 10.2 x 7 x 1.9 in. (260 x 178 x 47mm)
- ◆ Weight: 35.3 oz. (1000g)
- ◆ Power Source: “9V” AC/DC adaptor for 110V power supply (included)

**INCLUDES:**

- Backup Battery
- AC/DC Adaptor
- User’s Manual
- 1-Year Limited Warranty

**LRTH185DLP**  
1m Probe



**LRTH185DL**  
N



## PRECISION DATA LOGGING THERMO-HYGROMETER – DTH184DL

Ideal for process control, labs and other critical areas.

**FEATURES:**

- Dual readout backlit LCD
- Made in Taiwan
- 1% accuracy over most of humidity range
- Also calculates and displays dew point and wet bulb temperature
- Min/Max memory + data hold
- Settable Hi & Lo temperature & RH audible alarms
- °C/°F switch
- Field calibratable humidity measurement
- 20 minute Auto Power Off (can be disabled for data logging and calibration)

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: -4° to 140°F (-20° to 60°C)
- ◆ Temperature Measurement Accuracy: ±1.8°F (±1°C) between 32° and 104°F; ±3.6°F (±2°C) elsewhere
- ◆ Relative Humidity Measurement Range: 5 to 95%

- ◆ RH Measurement Accuracy: ±1% of reading between 15 and 80% RH; 2.5% elsewhere
- ◆ Temperature, Humidity Resolutions: 0.1°F (0.1°C), 0.1% RH
- ◆ Operating Temperature: -4° to 140°F (-20° to 60°C)@<95% RH
- ◆ Current Consumption: 10mADC @9V
- ◆ Dimensions: 5.1 x 2.2 x 1.5 in. (130 x 56 x 38mm)
- ◆ Weight: 8.8 oz. (250g)
- ◆ Power Source: 1 “9V” battery (included)

**INCLUDES:**

- Battery
- Data Logging/Interface Software
- USB Cable
- User’s Manual
- 1-Year Limited Warranty

UPC	NO.
01315 1	DTH184DL
15060 3	HR33 33% Calibration Salt (optional)
15070 2	HR75 75% Calibration Salt (optional)



**DTH184DL**  
N



### DATA LOGGING TEMPERATURE-HUMIDITY MONITOR – LTH8809DL

Ideal for monitoring and recording temperature and humidity readings in HVAC/R applications.

**FEATURES:**

- Bright red jumbo LED display
- Wall or desk mountable
- Settable high and low temperature and humidity alarms
- Also calculates and displays dew point
- Selectable temperature unit
- Data logging capacity of 16,000 records
- Field calibratable humidity measurement
- Made in Taiwan

**SPECIFICATIONS:**

- ◆ Temperature Range: -4° to 158°F (-20° to 70°C)
- ◆ Temperature Accuracy: ±1.2°F (±0.6°C)
- ◆ Relative Humidity Measurement Range: 5 to 95%
- ◆ RH Measurement Accuracy: ±3% of reading between 10 and 90% RH; ±5% elsewhere
- ◆ Temperature, Humidity Resolutions: 0.1°F (0.1°C), 0.1% RH
- ◆ Display Size: 2 x 2.6 in. (50.9 x 65.5mm)

- ◆ Dimensions: 4.8 x 5.2 x 1.6 in. (120 x 130 x 42mm)
- ◆ Weight: 7.4 oz. (210g)
- ◆ Power Loss Data Backup: 4 “AA” batteries (included)
- ◆ Warranty: 1 year (limited)

**INCLUDES:**

- 9V AC/DC Adaptor
- Backup Batteries
- Data Logging/Interface Software
- USB Cable
- User’s Manual
- 1-Year Limited Warranty

UPC	NO.
01309 0	<b>LTH8809DL</b>
21014 7	<b>Z110VADPT</b> 9VDC adaptor for 110V power supply
15060 3	<b>HR33</b> 33% Calibration Salt (optional)
15070 2	<b>HR75</b> 75% Calibration Salt (optional)



**LTH8809DL**  
N

### HUMIDITY-TEMPERATURE METER WITH EXCEL-FORMATTED DATA LOGGING SD CARD – DTH3007SD

Ideal for making accurate measurements of temperature and humidity.

**FEATURES:**

- Four-function instrument measures temperature/humidity, dew point, wet bulb temperature and surface temperature
- Big (2.5 in. diagonal) front-panel green backlit LCD is easy to read
- Min/Max memory + data hold
- Sampling time settable from 1 second to 1 hour
- Made in Taiwan
- Field calibratable humidity measurement
- Auto power off (can be disabled for data logging and calibration)

**SPECIFICATIONS:**

- ◆ Display: 2.05 x 1.5 in. (52 x 38mm) LCD
- ◆ Measurement Range:
  - Temperature: 32° to 122°F (0° to 50°C)
  - RH: 5 to 95%

- Dew Point: -13.5° to 120.1°F (-25.3° to 48.9°C)
- Wet Bulb: -6.9° to 122°F (-21.6° to 50°C)
- ◆ Measurement Accuracy:
  - ±1.5°F (±0.8°C) for temperature
  - Sum of temperature and humidity accuracies for dew point and wet-bulb temperatures
- ◆ Operating Temperature: 32° to 122°F (0° to 50°C) @ <85%RH
- ◆ Dimensions: 6.97 x 2.68 x 1.77 in. (177 x 68 x 45mm)
- ◆ Weight: 1.08 lb. (489g)
- ◆ Power Source: 6 “AA” batteries (not included) or optional 9VDC AC adaptor

UPC	NO.
01461 5	<b>DTH3007SD</b>



**Patented** **DTH3007SD**  
N

**INCLUDES:**

- Soft Carrying Case
- Temperature-Humidity Probe
- 2 GB SD Memory Card
- User’s Manual
- 1-Year Limited Warranty

**Optional Accessories:**

UPC	NO.	DESCRIPTION
01544 5	<b>P3007SD</b>	Replacement Temperature-Humidity Probe
01506 3	<b>AC1</b>	9VDC adaptor for 110V power supply
01502 5	<b>SDRD1</b>	SD Card Reader
15060 3	<b>HR33</b>	33% Calibration Salt (optional)
15070 2	<b>HR75</b>	75% Calibration Salt (optional)

### TEMPERATURE-HUMIDITY DATA LOGGER – DL8835

Ideal for measuring, monitoring and recording temperature and humidity of sensitive facilities. Also useful on water-damage restoration projects.

**FEATURES:**

- Records relative humidity and temperature with date/time stamp
- Multiple data loggers can be programmed and data downloaded from a single docking station
- Sampling rate programmable from 1 second to 2 hours
- View either temperature or humidity on LCD
- Data logging functions require optional USB Interface Kit INT8819 (see below)
- Programmable high and low temperature and RH alarms

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: -40° to 185°F (-40° to 85°C)

- ◆ Temperature Measurement Accuracy: ±1°F between -4° and 122°F; ±2°F elsewhere
- ◆ RH Measurement Range: 5 to 95%
- ◆ RH Measurement Accuracy: ±5% of reading
- ◆ Temperature, RH Resolutions: 0.1°, 0.1% RH
- ◆ Data Logging Capacity: Up to 8,000 data points each for temperature, humidity
- ◆ Dimensions: 3.14 x 2.16 x 0.86 in. (80 x 55 x 22mm)
- ◆ Weight: 2.6 oz. (76g)
- ◆ Power Source: Lithium-ion battery (included)

UPC	NO.
46125 9	<b>DL8835</b>
46135 8	<b>INT8819</b> USB Interface Kit (optional)



**DL8835**  
N

**INCLUDES:**

- Battery
- 1-Year Limited Warranty

**N** Indicates optional NIST calibration is available



PTH8708

## CALIBRATABLE TEMPERATURE AND HUMIDITY PEN – PTH8708

Ideal for HVAC/R, laboratories, hospitals, computer rooms and greenhouses.

**FEATURES:**

- Simultaneously displays temperature and humidity
- °F/°C switch
- Auto power off after 20 minutes
- Min/Max memory + data hold
- Fits in your shirt pocket

- ◆ RH Measurement Accuracy:  $\pm 3\%$  from 10 to 90%RH at 77°F (25°C);  $\pm 5\%$  from 5 to 10%RH and from 90 to 95%RH
- ◆ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ◆ Dimensions: 6.9 x 1.7 x 0.6 in. (175 x 42 x 16mm)
- ◆ Power Source: 1 “CR2032” battery (included)

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: 14° to 122°F (-10° to 50°C)
- ◆ Temperature Measurement Accuracy:  $\pm 1.8^\circ\text{F}$  ( $\pm 1^\circ\text{C}$ )
- ◆ RH Measurement Range: 5 to 95%

**INCLUDES:**

- Battery • Pocket Clip • User's Manual

UPC	NO.
10005 9	PTH8708
15060 3	HR33 33% Calibration Salt (optional)
15070 2	HR75 75% Calibration Salt (optional)



PTH8707

## CALIBRATABLE TEMPERATURE AND HUMIDITY PEN – PTH8707

Ideal for contractors and homeowners to measure temperature and humidity.

**FEATURES:**

- °F/°C switch
- Field calibratable humidity measurement
- Sensor protection cap
- Clips into your shirt pocket

- ◆ Temperature, RH Resolutions: 0.1° (F or C), 0.1% RH
- ◆ Dimensions: 6.5 x 1.25 x 0.5 in. (165 x 32 x 13mm)
- ◆ Weight: 1.9 oz. (54g)
- ◆ Power Source: 1 “CR2032” battery (included)
- ◆ Warranty: 1 year (limited)

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: 32° to 122°F (0° to 50°C)
- ◆ Temperature Measurement Accuracy:  $\pm 1.8^\circ\text{F}$  ( $\pm 1^\circ\text{C}$ )
- ◆ Relative Humidity Measurement Range: 20 to 95%
- ◆ RH Measurement Accuracy:  $\pm 3\%$  of reading

**INCLUDES:**

- Battery • Pocket Clip • User's Manual
- 1-Year Limited Warranty

UPC	NO.
01402 8	PTH8707
16120 3	HR33LJ 33% Calibration Salt (optional)
16130 2	HR75LJ 75% Calibration Salt (optional)



DTH700

## TEMPERATURE AND HUMIDITY METER – DTH700

Ideal for measuring, monitoring and displaying temperature and humidity.

**FEATURES:**

- Measures and displays temperature and humidity
- °F/°C switch
- Wall or desk mountable
- Min/Max memory with auto daily reset feature

- ◆ RH Measurement Accuracy:  $\pm 5\%$  of reading
- ◆ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ◆ Dimensions: 4 x 2.5 x 0.5 in. (102 x 64 x 13mm)
- ◆ Power Source: 1 “AAA” battery (included)

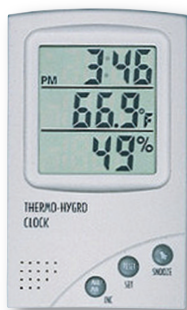
**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: 14° to 140°F (-10° to 60°C)
- ◆ Temperature Measurement Accuracy:  $\pm 1.8^\circ\text{F}$  ( $\pm 1^\circ\text{C}$ )
- ◆ Relative Humidity Measurement Range: 10 to 95%

**INCLUDES:**

- Battery • User's Manual
- 1-Year Limited Warranty

UPC	NO.
11015 7	DTH700



DTH800

## TEMPERATURE AND HUMIDITY METER WITH CLOCK – DTH800

Ideal for measuring, monitoring and displaying temperature and humidity.

**FEATURES:**

- Simultaneously displays time, temperature and humidity
- Clock with alarm and snooze button
- Min/Max memory
- Wall or desk mountable

- ◆ Relative Humidity Measurement Range: 10 to 95%
- ◆ RH Measurement Accuracy:  $\pm 5\%$  of reading
- ◆ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ◆ Dimensions: 4.25 x 2.5 x 0.5 in. (108 x 64 x 13mm)
- ◆ Power Source: 1 “AAA” battery (included)

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: 14° to 140°F (-10° to 60°C)
- ◆ Temperature Measurement Accuracy:  $\pm 1.8^\circ\text{F}$  ( $\pm 1^\circ\text{C}$ )

**INCLUDES:**

- Battery • User's Manual
- 1-Year Limited Warranty

UPC	NO.
11020 1	DTH800





# Temperature-Humidity Monitors

## JUMBO DISPLAY IN/OUT TEMPERATURE AND HUMIDITY MONITOR WITH CLOCK – DTH04

Ideal for measuring, monitoring and displaying temperature and humidity.

**FEATURES:**

- Triple readout shows time, inside or outside temperature, and inside or outside relative humidity (RH)
- Min/Max memory
- Warm, Comfortable and Cool indications
- °C/°F switch
- 12/24 hour alarm clock with 10 minute snooze option
- Includes flip-out stand, 9.8 ft. (3m) probe and batteries

- ◆ Temperature Measurement Accuracy:  $\pm 1.8^{\circ}\text{F}$  ( $\pm 1^{\circ}\text{C}$ )
- ◆ Relative Humidity Measurement Range: 20 to 100%
- ◆ RH Measurement Accuracy:  $\pm 6\%$  of reading
- ◆ Temperature, RH Resolutions:  $0.1^{\circ}$  (F or C),  $0.1\%$  RH
- ◆ Digit Height: 0.67 in. (17mm)
- ◆ Display Window Size: 2.8 x 2.4 in. (71 x 61mm)
- ◆ Dimensions: 3.9 x 4.1 x 0.9 in. (99 x 104 x 23mm)
- ◆ Power Source: 1 “AAA” battery (included)

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range:  $32^{\circ}$  to  $122^{\circ}\text{F}$  ( $0^{\circ}$  to  $50^{\circ}\text{C}$ )

**INCLUDES:**

- Battery
- User’s Manual
- 1-Year Limited Warranty

UPC	NO.
11032 4	DTH04



DTH04

## JUMBO DISPLAY HUMIDITY AND TEMPERATURE MONITOR – DTH03A

Ideal for measuring, monitoring and displaying temperature and humidity.

**FEATURES:**

- Displays humidity and temperature
- Min/Max memory
- °F/°C slide switch

- ◆ Display Size: 3.2 x 2.3 in. (80 x 58mm) with 0.9 in. (23mm) high digits
- ◆ Dimensions: 4.3 x 3.9 x 0.8 in. (110 x 98 x 20mm)
- ◆ Weight: 6.3 oz. (175g)
- ◆ Power Source: 1 “AAA” battery (included)

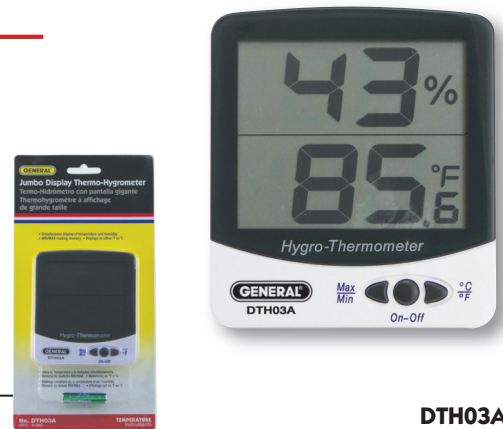
**SPECIFICATIONS:**

- ◆ Temperature Measurement Range:  $32^{\circ}$  to  $122^{\circ}\text{F}$  ( $0^{\circ}$  to  $50^{\circ}\text{C}$ )
- ◆ Relative Humidity Measurement Range: 20 to 95%
- ◆ Temperature, RH Resolutions:  $0.1^{\circ}$  (F or C), 1% RH

**INCLUDES:**

- Battery
- User’s Manual
- 1-Year Limited Warranty

UPC	NO.
11040 9	DTH03A



DTH03A

## HIGH TEMPERATURE ANALOG TEMPERATURE AND HUMIDITY MONITORS– A600FC & B600FC

Ideal for measuring and monitoring temperature and humidity.

**FEATURES:**

- Stainless steel case (A600FC); Brass case (B600FC)
- Flange mounting
- Attractive design

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range:  $30^{\circ}$  to  $250^{\circ}\text{F}$  ( $-1^{\circ}$  to  $121^{\circ}\text{C}$ )
- ◆ Temperature Measurement Accuracy:  $\pm 1.8^{\circ}\text{F}$  ( $\pm 1^{\circ}\text{C}$ )
- ◆ Relative Humidity Measurement Range: 0 to 100%
- ◆ RH Measurement Accuracy:  $\pm 6\%$  of reading
- ◆ Temperature, RH Resolutions:  $2^{\circ}$ , 2%
- ◆ Dimensions: 5.125 in. dial diameter, 6 in. overall
- ◆ Weight: 11 oz. (312g)

UPC	NO.
61006 0	A600FC (Stainless steel case)
01636 7	B600FC (Brass case)



A600FC  
B600FC



CE



CMM880  
N

**HANDHELD THERMO-HYGROMETER – CMM880**

Ideal for accurate measuring and monitoring of temperature and humidity in a wide range of professional and industrial applications such as: film processing, printing, hospitals, and laboratories.

**FEATURES:**

- Measures and displays humidity and temperature
- Large LCD
- Min/Max memory
- °F/°C switch
- Data hold
- Field calibratable humidity measurement
- Auto power off (can be disabled for calibration)
- Low battery indication
- Protective cap with pocket clip
- CE approved

- ◆ Temperature Accuracy: ±1.8°F (±1°C)
- ◆ Humidity Accuracy: ±3% of reading
- ◆ Response Time: 80 seconds (approx.)
- ◆ Dimensions: 6.7 x 1.85 x 0.5 in. (170 x 47 x 13mm)
- ◆ Power Source: 2 “AAA” batteries (included)

**INCLUDES:**

- Batteries • Protective Cap
- Pocket Clip • User’s Manual
- 1-Year Limited Warranty

UPC	NO.
10015 8	<b>CMM880</b>
15060 3	<b>HR33</b> 33% Calibration Salt (optional)
15070 2	<b>HR75</b> 75% Calibration Salt (optional)

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- ◆ Humidity Measurement Range: 5 to 95%RH

CE



LAM880D  
N

**DEW POINT THERMO-HYGROMETER – LAM880D**

Ideal for accurately measuring and monitoring temperature and humidity in a wide range of professional and industrial applications such as: film processing, printing, hospitals and laboratories.

**FEATURES:**

- Measures and displays dew point, humidity and temperature
- Large LCD
- Min/Max memory
- °F/°C switch
- Data hold
- Field calibratable humidity measurement
- Auto power off (can be disabled for calibration)
- Low battery indication
- CE approved

- ◆ Humidity Accuracy: ±3% of reading
- ◆ Response Time: 60 seconds (approx.)
- ◆ Dimensions: 6.7 x 1.85 x 0.5 in. (170 x 47 x 13mm)
- ◆ Power Source: 2 “AAA” batteries (included)

**INCLUDES:**

- Batteries • Protective Cap
- Pocket Clip • User’s Manual
- 1-Year Limited Warranty

UPC	NO.
10020 2	<b>LAM880D</b>
15060 3	<b>HR33</b> 33% Calibration Salt (optional)
15070 2	<b>HR75</b> 75% Calibration Salt (optional)

**SPECIFICATIONS:**

- ◆ Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- ◆ Humidity Measurement Range: 5 to 95%RH
- ◆ Temperature Accuracy: ±1.8°F (±1°C)

**MINI THERMO-HYGROMETER – LCR318**

Ideal for use in humidors, wine cellars, computer rooms and music rooms.

**FEATURES:**

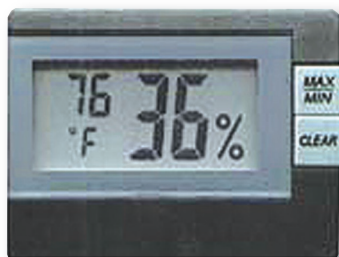
- Simultaneously displays indoor temperature in °F and relative humidity (RH) as a percentage
- Large LCD display
- Min/Max temperature and humidity memory
- Low battery warning
- Wall or desk mountable

- ◆ Relative Humidity Measurement Range: 10 to 99%
- ◆ RH Measurement Accuracy: ±5% of reading
- ◆ Temperature, RH Resolutions: 0.1° (F or C), 1% RH
- ◆ Display Size: 1.4 x 0.7 in.
- ◆ Dimensions: 1.5 x 2.05 x 0.6 in. (38 x 52 x 15mm)
- ◆ Power Source: 1 “LR44” battery (included)

**INCLUDES:**

- Battery • User’s Manual
- 1-Year Limited Warranty

UPC	NO.
11075 1	<b>LCR318</b>



LCR318



### DIGITAL POCKET HEAT INDEX MONITORS – SAM800HI & SAM800IND

Ideal for sports medicine professionals, coaches and athletes to monitor outdoor conditions to ensure safety.

**FEATURES:**

- Measures/calculates and displays heat index, relative humidity (RH), and ambient and dew point temperatures
- Danger icon with audible beep
- Min/Max memory + data hold
- °F/°C switch
- 2-line x 4-digit LCD
- 20-minute Auto Power Off (can be disabled)
- Low battery indicator
- CE approved

**INCLUDES:**

- Battery
- Pocket Clip
- User's Manual
- 1-Year Limited Warranty

**SPECIFICATIONS:**

- ◆ Ambient Temperature Range/Accuracy: 32° to 122°F (0° to 50°C)/±1.8°F (±1°C)
- ◆ RH Range/Accuracy: 0 to 100%/±3% of reading from 10 to 90%RH, ±4% elsewhere
- ◆ Dew Point Range/Accuracy: 32° to 140°F (0° to 60°C)/±3%
- ◆ Heat Index Range/Accuracy: 70° to 115°F (21° to 45°C)/±3%
- ◆ Response Time: 15 seconds (max)
- ◆ Display Size/Resolutions: 1.4 in. diagonal/0.1° (temperature), 0.1% (RH)
- ◆ Battery Life: 100 hours (average)
- ◆ Dimensions: 6.7 x 1.85 x 0.5 in. (168 x 47 x 15mm)
- ◆ Power Source: 1 "CR2032" battery (included)

UPC	NO.
10100 1	<b>SAM800HI</b> (Sports model)
10105 6	<b>SAM800IND</b> (Industrial model)



CE

SAM800HI  
N

CE

SAM800IND  
N

### HEAT INDEX MONITORS WITH BRASS BLACK BALL – WBG8758 & WBG8778

Ideal for industrial applications (including HVAC/R) as well as outdoor sports safety monitoring.

**FEATURES:**

- Measures/calculates and displays relative humidity (RH) and ambient, dew point, black ball (globe) and wet bulb temperatures
- Indoor and outdoor (with direct sun exposure) modes
- Adjustable setpoint for wet bulb temperature audible/visual alarm
- °F/°C switch
- 20-minute Auto Power Off (can be disabled)
- RH calibratable using optional salts
- Low battery indication
- Tripod mount
- CE approved

**SPECIFICATIONS:**

- ◆ Ambient Temperature Range/Accuracy: 32° to 122°F (0° to 50°C)/±0.8°F (±0.6°C)
- ◆ RH Range/Accuracy: 5 to 95%/ ±3% of reading from 10 to 90%RH, ±5% elsewhere
- ◆ Globe Temperature Range: 32° to 176°F (0° to 80°C)
- ◆ Globe Temperature Accuracy (Indoor Mode): ±3.6°F (±2°C) from 59° to 104°F (15° to 40°C), ±4°F (±2.5°C) elsewhere for WBG8758; ±1.8°F (±1°C) from 59° to 104°F (15° to 40°C), ±2.7°F (±1.5°C) elsewhere for WBG8778
- ◆ Globe Temperature Accuracy (Outdoor Mode): ±5.4°F (±3°C) from 59° to 104°F (15° to 40°C), ±6.3°F (±3.5°C) elsewhere for WBG8758; ±2.7°F (±1.5°C) from 59° to 104°F (15° to 40°C), ±3.6°F (±2°C) elsewhere for WBG8778

- ◆ Wet Bulb Temperature Range: 32° to 122°F (0° to 50°C)/±1.8°F (±1°C)
- ◆ Dew Point Range/Accuracy: 32° to 140°F (0° to 60°C)/±3%
- ◆ Response Time: 15 seconds (typical)
- ◆ Display Resolutions: 0.1° (temperature), 0.1% (RH)
- ◆ Operating Temperature: 32° to 122°F (0° to 50°C) @<95%RH
- ◆ Dimensions of Black Ball: 1.6 (Dia.) x 1.4 (H) in. (40 x 35mm) for WBG8758; 3 (Dia.) x 3 (H) in. (75 x 75mm) for WBG8778
- ◆ Dimensions of Instrument: 1.6 (H) x 1.6 (W) x 1.9 (L) in. (40 x 48.7 x 254mm) for WBG8758; 3 (H) x 3 (H) x 11 (L) in. (75 x 75 x 278.2mm) for WBG8778
- ◆ Power Source: 2 "AAA" batteries (included)

**INCLUDES:**

- Batteries
- User's Manual
- 1-Year Limited Warranty

UPC	NO.
08758 9	<b>WBG8758</b>
01308 3	<b>WBG8778</b>
16120 3	<b>HR33LJ</b> 33% Calibration Salt (optional)
16130 2	<b>HR75LJ</b> 75% Calibration Salt (optional)



CE

WBG8758  
N

CE

WBG8778  
N



## **Specialty Tools & Instruments**

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