

### Cole-Parmer® Brass Case Thermohygrometers

Get the readings you need

- Units for %RH or °F/°C and temperature available



Models 03310-20 and 03310-40 include a calibration document supplied by the manufacturer, ensuring conformance to stated specifications. All indicators have a solid brass case, a 5" diameter glass face, and predrilled holes for wall mounting.



Mode		%RH	%RH, °F/°C
Catalog number		<a href="#">GY-03310-20</a>	<a href="#">GY-03310-40</a>
Humidity	Range	0 to 100%	0 to 100%
	Resolution	1%	2% RH
	Accuracy	±3% (35 to 95%), ±5% (<35%, >95%)	
Temperature	Range	—	5°F (2°C)
	Resolution	—	±1% full-scale
	Accuracy	—	
Response time		1 minute	
Price			

[GY-17030-28](#) NIST-traceable calibration with data for standard thermohygrometers

### Oakton® Thermohygrometer with Large Dial

Reliable—needs no battery

- View temperature from a distance
- Display in °F and °C



Mode	Humidity	Temperature
Catalog number	<a href="#">GY-35700-20</a>	
Range	25 to 80%	-22 to 122°F (-30 to 50°C)
Resolution	5%	2°F (1°C)
Accuracy	±5% from 25 to 70%, ±8% from 71 to 80%	±3.6°F (±2°C)
Response time	1 minute	
Price		

[GY-17030-28](#) NIST-traceable calibration with data for standard thermohygrometers

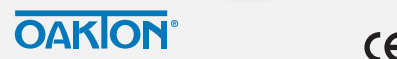
### Oakton® Thermohygrometer with Digital Thermometer

No maintenance

- Remains accurate and stable without adjustments
- Switchable °F/°C scale
- Corrosion-resistant ABS plastic



What's included: one AA battery, mounting bracket, and screws.



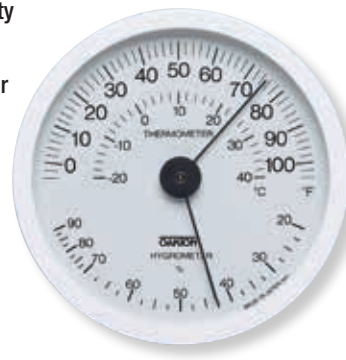
Mode	Humidity	Temperature
Cat. no.	<a href="#">GY-35700-00</a>	
Range	20 to 100%	0 to 160°F (-18 to 72°C)
Resolution	2%	0.1°F (0.1°C)
Accuracy	±4%, 20 to 90%; ±8%, 90 to 100%	±1.8°F (±1.0°C)
Response time	1 minute	
Power	One AA battery (included)	
Price		

[GY-09376-01](#) Replacement batteries, AA. Pack of 4

[GY-17030-28](#) NIST-traceable calibration with data for standard thermohygrometers

### Oakton® Thermohygrometer Mount where you need it

- Easy-to-read dial indicators for both temperature and humidity
- Displays in °F and °C
- No batteries or external power are required for operation



Mode	Humidity	Temperature
Catalog number	<a href="#">GY-35700-10</a>	
Range	25 to 80%	-4 to 104°F (-20 to 40°C)
Resolution	1%	2°F (1°C)
Accuracy	±5% from 25 to 70%, ±8% from 71 to 80%	±3.6°F (±2°C)
Response time	1 minute	
Price		

[GY-17030-28](#) NIST-traceable calibration with data for standard thermohygrometers

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## Humidity

### Digi-Sense™ Precalibrated Humidity/Temperature Indicators

Accurately gauge proper humidity levels

**NEW**

- Save time and money—precalibrated to NIST-traceable standards
- Know your comfort levels—environmental comfort icons indicate comfortable, wet, or dry conditions
- Simultaneous display of temperature, humidity, and time
- °F/°C unit selection, Min/Max reading, and clock with alarm and date



**Model 20250-30** has built-in temperature and humidity sensors for indoor measurements.

**Model 20250-31** has built-in temperature and humidity sensors for indoor measurements and an external temperature probe for remote monitoring of indoor or outdoor applications.



#### Specifications

Parameters	Range	Resolution
Humidity	10 to 90% RH	0.1%
Temperature (internal sensor)	32 to 120°F (0 to 50°C)	0.1°F/°C
Temperature (external sensor, model 20250-31 only)	-58 to 158°F (-50 to 70°C)	0.1°F/°C

**Dimensions (W x H x D):** 4" x 2 1/4" x 1/2" (10.1 cm x 6.3 cm x 1.3 cm) **Power:** One AAA battery

Description	Catalog number	Price
Humidity/temperature indicator	<a href="#">GY-20250-30</a>	
Humidity/temperature indicator with external temperature probe	<a href="#">GY-20250-31</a>	

### Digital Heat Stress Meter

Keep workers safe

- No difficult calculations—easy-to-use unit fits in your hand
- Get direct and indirect sun exposure values with in/out function
- The heat stress index measures how hot it really feels
- Features include a selectable °F or °C, data hold, auto off with override, and RS-232 interface



Description	Digital heat stress meter	
<b>Catalog number</b>	<a href="#">GY-37804-15</a>	
Humidity	Range	0 to 100%
	Resolution	1.00%
	Accuracy	±3% of range
Temperature	Range	32 to 122°F (0 to 50°C)
	Resolution	0.1°F (1°C)
	Accuracy	±1.1°F (±0.6°C)
Wet bulb globe temperature	Range	32 to 122°F (0 to 50°C)
	Resolution	0.1°F (1°C)
	Accuracy	±4°F (±2°C)
Black globe temperature	Range	-32 to 176°F (0 to 80°C)
	Resolution	0.1°F (1°C)
	Accuracy	Indoor: ±4°F (2°C); Outdoor: ±5.5°F (3°C)
Power	Two AAA batteries (included)	
<b>Price</b>		



### Big-Digit Thermohygrometers

No more squinting

- Super-large LCD with 1" digits
- Simultaneously displays humidity and temperature



Unit features a Min/Max function that displays the highest and lowest readings from when the reset button was last pressed, and °F/°C selection.

**What's included:** wall mounting bracket, built-in desk stand, and one AAA battery.



Mode	Humidity	Temperature
Range	10 to 99%	14 to 140°F (-10 to 60°C)
Resolution	±5% from 25 to 85% RH; 32 to 122°F (0 to 50°C)	0.1°F (0.1°C)
Accuracy	±5% RH within 25 to 85% RH	±1.8°F from 14 to 122°F (±1.0°C from -10 to 50°C)
Power	One AAA battery (included)	

Description	Cat. no.	Price
Thermohygrometer with built-in sensor	<a href="#">GY-37802-10</a>	
Thermohygrometer with remote probe	<a href="#">GY-37809-16</a>	
Thermohygrometer with remote probe and dew point	<a href="#">GY-37803-26</a>	
Indoor/outdoor thermohygrometer with built-in sensor and remote probe	<a href="#">GY-37809-15</a>	

[GY-17030-28](#) NIST-traceable calibration with data for standard thermohygrometers

### Cole Parmer® Psychrometers

Get RH readings economically

- Meters display psychrometric chart
- Measurements in about 2 minutes



**What's included:** one 2-oz water bottle, psychrometric slide rule, tables, chart, extra lamp, extra wicking material, and carrying case.

Description	Psychrometer	
<b>Catalog number</b>	<a href="#">GY-03312-21</a>	<a href="#">GY-03312-41</a>
Humidity	Range	10 to 100%
	Resolution	1%
	Accuracy	±3% full-scale
Temperature	Range	10 to 120°F / -15 to 45°C
	Resolution	1°F / 0.5°C
	Accuracy	±0.3°F / ±0.2°C
Thermometer type	Two 8 7/8" spirit-filled glass thermometers	
Power	Three D batteries (sold separately below)	
<b>Price</b>		

[GY-09376-03](#) Batteries, D. Pack of 4

[GY-03312-26](#) Replacement glass thermometers for model 03312-21

[GY-03312-46](#) Replacement glass thermometers for model 03312-41

[GY-17005-00](#) NIST-traceable calibration with data

# Cole-Parmer® Digital Thermohygrometers

Don't let the humidity get to you



## A. Thermohygrometer

This temperature/humidity indicator shows the exact air conditions in labs, hoods, stock rooms, and more. LCD also indicates "comfort," "humid," or "dry" conditions.

ABS plastic case is chemically resistant and shock-resistant. Thermohygrometer requires no adjustment or maintenance. Mount on the wall or place on a surface with included bench stand. Includes NIST-traceable calibration report supplied by the manufacturer.



## B. Jumbo Display Thermohygrometer

This thermohygrometer is perfect for both indoor and outdoor applications. Large, 1 1/8" H display can be read as far as 35 feet away!

Thermohygrometer includes a submersible temperature sensor on a 10-ft cable and one AAA battery. Unit features ABS plastic housing. Wall-mount the thermohygrometer or use the flip-open stand. Includes NIST-traceable calibration report supplied by the manufacturer.



## C. Thermohygrometer with Minimum/Maximum Function

Thermohygrometer displays temperature-compensated relative humidity in % RH, and temperature in °F or °C. Stores minimum and maximum RH and temperature readings—just press the front-panel MIN and MAX buttons to read stored values. Press the RESET button to continue displaying current RH and temperature conditions.

Thermohygrometer features an integral stand for easy desktop viewing and a wall mounting bracket. Includes NIST-traceable calibration report supplied by the manufacturer.



## D. Handheld Thermohygrometer with Data Output

Measure and download temperature and humidity with these thermohygrometers.

Meters feature data hold, min/max, memory storage, selectable °F/°C, and auto-off. Model 37950-11 also calculates dew point and features an alarm for out-of-range conditions.

Includes hard case and one 9 V battery.



Key letter	A	B	C	D	
Catalog number	<a href="#">GY-03313-85</a>	<a href="#">GY-03313-86</a>	<a href="#">GY-37101-00</a>	<a href="#">GY-37950-03</a>	<a href="#">GY-37950-11</a>
Humidity	Range	25 to 95%	25 to 95% <sup>‡</sup>	10 to 95%	10 to 95%
	Resolution	1%	1%	1%	0.1%
	Accuracy	±4% from 40 to 80%; ±7% for remaining range	±2% at 60%, ±4% for remaining range	±4% from 40 to 80%, 7% for remaining range	±3% from 20 to 90% at 77°F (25°C)
Temp	Range	32 to 122°F (0.0 to 50°C)	32 to 122°F (0 to 50°C) <sup>‡</sup>	32 to 122°F (0 to 50°C)	0 to 199°F (-18 to 93°C)
	Resolution	0.1°F (0.1°C)	1°F (1°C)	1°F (1°C)	0.1°F (0.1°C)
	Accuracy	±1.8°F (±1°C) from 0 to 40°C (otherwise 2°C)	2°F (1°C)	±2°F (±1°C) from 32 to 104°F, ±4°F (±2°C) for remaining range	±0.5° from 32 to 122°F (0 to 50°C)
Dew point range <sup>†</sup>	—	—	—	—	32 to 122°F (0 to 50°C)
Response time	30 seconds to 3.5 minutes	30 seconds to 3.5 minutes	30 seconds to 3.5 minutes	8 seconds	
Output	—			RS-232	
Power	Two AA batteries (included)	One AAA battery (included)	Two AAA batteries (included)	One 9 V battery (included)	One 9 V battery (included)
Price					
Replacement batteries	<a href="#">GY-09376-01</a>	<a href="#">GY-09376-00</a>	<a href="#">GY-09376-00</a>	<a href="#">GY-09376-00</a>	<a href="#">GY-09376-00</a>
Price	/pk of 4	/pk of 12	/pk of 12	/pk of 12	/pk of 12

<sup>†</sup>Meter takes the information gathered from the sensors and calculates dew point.

<sup>‡</sup>RH range at temperatures from 59 to 104°F (15 to 40°C).

[GY-17030-28](#) NIST-traceable calibration with data for standard thermohygrometers

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## Humidity

### Thermohygrometer Pen

#### Take measurements anywhere

- Pocket size pen displays relative humidity and temperature simultaneously
- Min/max function displays and holds the maximum humidity and temperature values since power-up in memory
- Selectable °F/°C temperature mode

**What's included:** one battery and pocket clip.



Mode	Humidity	Temperature
Catalog number	<a href="#">GY-37803-14</a>	
Range	20 to 90%	14 to 122°F (-10 to 50°C)
Resolution	1%	0.1°
Accuracy	±5% of reading	±2°F (±1°C)
Power	one LR-44 battery (included)	
Price		

#### Accessories

[GY-09377-14](#) Replacement batteries, Pack of 6

[GY-17030-20](#) NIST-traceable calibration with data for thermohygrometers

### Cole-Parmer® Thermohygrometers

#### Maintain compliance and safety

- Audible alarm and flashing display actuate when high or low limits are exceeded
- Accurately measure humidity and temperature, and calculate dew point
- Program high/low audible/visual alarms for all three parameters



**What's included:** ABS plastic housing, probe with 4½-ft cable, NIST-traceable calibration report supplied by manufacturer, one 9 V battery, and case.



### Easy View™ Thermohygrometers

#### Stretch further—39" coiled sensor cable

- More displayed—read any two parameters (temperature, humidity, dew point, wet bulb) simultaneously along with bar graph
- Features include Min/Max, data hold, and auto power off
- Data logging model EA25 records 15,000 readings, has automatic timer function, and comes with RS-232 PC interface
- Know when Min/Max readings occurred—timer displays elapsed time since reading



**What's included:** Humidity/temperature probe, built-in stand, protective holster, carrying case, and 9 V battery. Model EA25 includes software and RS-232 cable.



Description		Thermohygrometers	
Catalog number		<a href="#">GY-03313-65</a>	<a href="#">GY-03313-66</a>
Humidity	Range	10 to 95%	5 to 95%
	Resolution	0.01%	
	Accuracy	±1.5%	
Temperature	Range	-40.00 to 220.00°F (-40.00 to 104.40°C)	
	Resolution	0.01°F (0.01°C)	
	Accuracy	±0.4°C between 0 to 40°C; otherwise 1°C	
Dew point†	Range	-40 to 140°F (-40 to 60°C)	
	Resolution	0.01°F (0.01°C)	
Response time	30 sec to 3.5 min		Less than 10 sec
Output			
Power	One 9 V battery (included)		
Price			

†Meter takes the information gathered from the sensors and calculates dew point.

#### Accessories

[GY-03313-95](#) Optional power adapter, 115 VAC

[GY-03313-99](#) Parallel-to-serial converter

[GY-09376-04](#) Replacement batteries, 9 V. Pack of 4

[GY-17030-20](#) NIST-traceable recalibration with data

Description		Thermohygrometers	
Catalog number		<a href="#">GY-37803-03</a>	<a href="#">GY-37803-04</a>
Humidity	Range	10 to 95%	
	Resolution	0.1%	
	Accuracy	±3% from 30 to 90%, ±5% from 10 to 30%	
Temperature	Range	-4 to 140°F (-20 to 60°C)	
	Resolution	0.1°F (0.1°C)	
	Accuracy	±1.8°F (±1°C)	
Dew point	Included†		
Wet bulb	Included†		
Data logging	—	15,000 records	
Output	—	RS-232	
Power	One 9 V battery		
Price			

†Meter takes the information gathered from the sensors and calculates dew point and wet bulb.

#### Accessories

[GY-09376-04](#) Replacement batteries, 9 V. Pack of 4

[GY-17030-28](#) NIST-traceable calibration with data

# Don't Sweat It—Gain More Confidence in Your Readings

## Digi-Sense™ Precalibrated Thermohygrometers

- Get more data—integrated humidity and thermistor (NTC) temperature sensor
- No more struggling to read measurements—large, backlit LCD makes reading measurements easy

These precalibrated thermohygrometers provide the readings you need in a rugged package. Each features Min/Max readings, Hold function, temperature in °F or °C, and auto-off to save battery life.

**Model 20250-11** allows for one-handed measurements with side-button controls. Also measures absolute humidity.

**Professional Model 20250-21** has a heavy-duty design for more rugged dependability and can also display absolute humidity.

**Model 20250-12** is ideal for HVAC and IAQ industries with target superheat mode (TSH) and target evaporator exit temperature (TEET) calculation for balancing airflow systems. Additional features include external type K thermocouple input and dry bulb measurement.

**What's included:** carrying case, batteries, and NIST-traceable calibration report with data supplied by InnoCal. Model 20250-12 also includes a type K flexible probe.



Description	Thermohygrometer	Professional thermohygrometer	Thermohygrometer with single type K input and superheat function	
<b>Catalog number</b>	<a href="#">GY-20250-11</a>	<a href="#">GY-20250-21</a>	<a href="#">GY-20250-12</a>	
<b>Range</b>	Humidity	0 to 100% RH		
	Absolute humidity (calculated)	0 to 500 g/m <sup>3</sup> , 0 to 218.5 gr/ft <sup>3</sup>		
	Temperature (NTC)	-22 to 212°F (-30 to 100°C)		
	Temperature (T/C)	32 to 140°F (0 to 60°C)		
	Dew point (calculated)	-22 to 212°F (-30 to 100°C)		
	Wet bulb (calculated)	32 to 176°F (0 to 80°C)		
<b>Resolution</b>	Humidity	0.1		
	Temperature (NTC)	0.1°F/°C		
	Temperature (T/C)	0.1° (<1000°) or 1° (≥1000°)		
<b>Accuracy</b>	Humidity	±2% from 40 to 60% RH; ±3% from 20 to 40% RH and 60 to 80% RH; ±4% from 0 to 20% RH and 80 to 100% RH		
	Temperature (NTC)	±1.8°F (1°C) from -4 to 140°F (-20 to 60°C); ±1.8°F (1°C) from -22 to -4°F (-30 to 19°C) and 140 to 212°F (60 to 100°C)	±0.9°F (0.5°C) from -4 to 140°F (-20 to 60°C); ±2.7°F (1.5°C) from -22 to -4°F (-30 to 19°C) and 140 to 212°F (60 to 100°C)	±1.8°F (1°C)
	Temperature (T/C)	—		
Target superheat mode (TSH)	No	Yes		
Target evaporator exit temperature (TEET)	No	Yes		
<b>Dimensions (L x W x H)</b>	6½" x 2½" x 1¾" (16.5 x 5.4 x 3.4 cm)	11⅞" x 3" x 2" (30 x 7.5 x 5 cm)	7¼" x 2½" x 1" (18.5 x 6.3 x 2.6 cm)	
<b>Price</b>				

✓ **Save time and money**—precalibrated to NIST-traceable standards before you receive it

✓ **No need to buy multiple meters**—one meter displays

- Humidity
- Dew point
- Wet bulb
- Temperature

✓ **Accurate to ±2% basic RH**

✓ **Durable construction** stands up to your demands for longer life

Precalibration provided by

**INNOCAL**®

Precalibration | Recalibration | Onsite  
InnoCalSolutions.com

## Humidity

### Pocket-Size Thermohygrometers

Get accurate readings anywhere

- Large graphic display shows when the measurement is stabilized
- Provides seven measurements: RH, temperature, dew point, wet bulb, absolute humidity, mixing ratio, and enthalpy
- Multilingual user interface with 10 language options
- Replaceable probe
- Easy-to-use menu

The Vaisala HM40 series handheld meter provides a fast and convenient way to accurately spot-check relative humidity and temperature in a wide range of environments and applications. The HM40 incorporates Vaisala HUMICAP® sensor that provides high accuracy, excellent long term stability, negligible hysteresis, and insensitivity to dust and most chemicals.



#### Specifications

Mode	Humidity	Temperature
Range	0 to 100% RH	14 to 140°F (-10 to 60°C)
Resolution	0.10%	0.1°
Accuracy	±1.7% (0 to 90% RH); ±2.5% (90 to 100% RH) at 32 to 104°F (0 to 40°C)	±0.36°F (±0.2°C) at 32 to 104°F (0 to 40°C); ±0.72°F (±0.4°C) balance of range
Temperature dependence	±0.04% RH/°C	±0.02°

**Response time (90%):** 17 sec with membrane filter

**Power:** two AA or rechargeable batteries (included depending on model)

Description	Catalog number	Price
Thermohygrometer with AA batteries	<a href="#">GY-37801-10</a>	
Thermohygrometer with rechargeable batteries	<a href="#">GY-37801-11</a>	
Thermohygrometer with remote probe and AA batteries	<a href="#">GY-37801-13</a>	
Thermohygrometer with remote probe and rechargeable batteries	<a href="#">GY-37801-14</a>	

#### Accessories

[GY-37801-15](#) Replacement probe

[GY-09376-01](#) Replacement batteries, AA. Pack of 4

[GY-17030-20](#) NIST-traceable calibration with data

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### Thermohygrometer/Calibrator

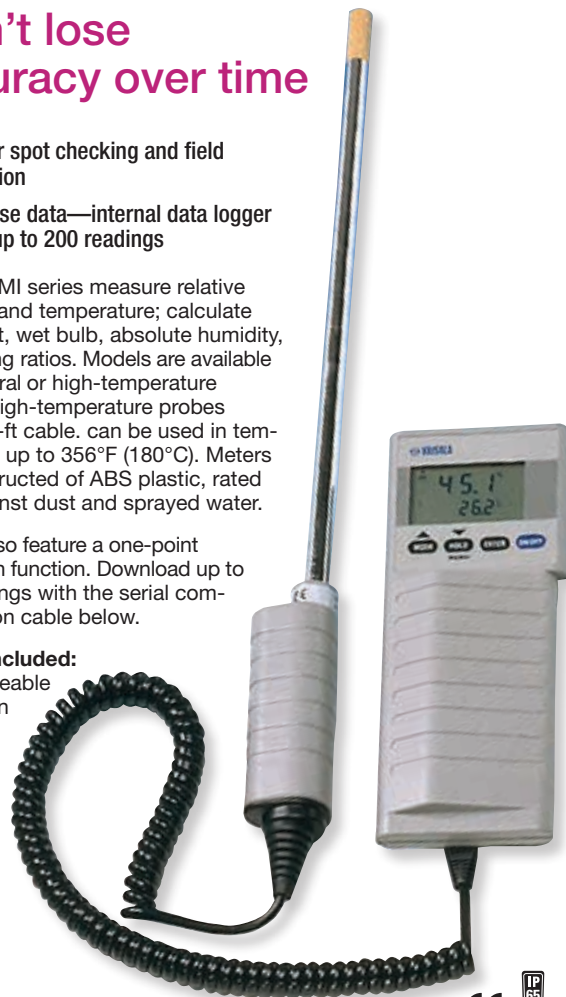
Won't lose accuracy over time

- Ideal for spot checking and field calibration
- Don't lose data—internal data logger stores up to 200 readings

Vaisala HMI series measure relative humidity and temperature; calculate dew point, wet bulb, absolute humidity, and mixing ratios. Models are available with integral or high-temperature probes; high-temperature probes include 5-ft cable. can be used in temperatures up to 356°F (180°C). Meters are constructed of ABS plastic, rated IP65 against dust and sprayed water.

Meters also feature a one-point calibration function. Download up to 200 readings with the serial communication cable below.

**What's included:** NIST-traceable calibration report supplied by the manufacturer.



Probe type and meter	High-temperature probe
<b>Catalog number</b>	<a href="#">GY-03334-96</a>
Maximum error of humidity at 20°C	±0.1% RH
Maximum error of temperature at 20°C	±0.1°C
Calculated variables (probe)	Dew point temperature: -40 to 100 °C Absolute humidity: 0 to 600 g/m3 Wet bulb temperature: 0 to 100°C Mixing ratio: 0 to 600 g/kg d.a.
Response time	15 seconds (90%) at 20°C in still air
Memory capacity	200 data points
Probe dimensions (L x dia)	12 1/2" x 1/2" (320 x 12.7 mm)
Humidity	Range
	Resolution
Temperature	Accuracy
	Range
Power	Resolution
	Accuracy
<b>Price</b>	four AAA alkaline batteries

#### Accessories

[GY-03329-53](#) Replacement probe for high-temperature meter

[GY-37850-12](#) Replacement sensor for all probes

[GY-37805-03](#) Sintered filter, 133 µm for high-temperature probe

[GY-03335-10](#) Humidity probe calibration kit

[GY-09376-00](#) Replacement batteries, AAA. Pack of 12

[GY-17030-20](#) NIST-traceable recalibration with data for high-accuracy thermohygrometers

## Multiprobe Thermohygrometer

### Measure multiple parameters with one meter

- Store 2700 data points—download later to your PC via USB interface
- Display measurements numerically or graphically

Measures temperature and humidity, plus calculates dew point, wet bulb, mixing ratio, absolute humidity, enthalpy, and water vapor pressure. It offers six different languages in display. Log three parameters into meter memory while displaying data in numerical or graphical fashion. Customize with three humidity probes (sold separately).

**What's included:** battery and 115 VAC adapter. Probes include NIST-traceable calibration report supplied by the manufacturer.



#### Specifications

- Relative humidity measurement range:** 0 to 100% RH
- Maximum temperature range:** -94 to 356°F (-70 to 180°C)
- Output:** USB and 0 to 1 VDC (0.6 mV resolution)
- Data logging capacity:** 2700 points
- Sensor stability:** better than 1% RH/year
- Maximum accuracy (calibrated against salt solutions):** ±2% from 0 to 90% RH, ±3% from 90 to 100% RH



#### Meter

Description	Catalog number	Price
Meter with rechargeable battery (must order probe separately)	<a href="#">GY-37850-25</a>	
Meter with general purpose probe and alkaline batteries	<a href="#">GY-37850-19</a>	
Meter with S.S. extra long probe and alkaline batteries	<a href="#">GY-37850-20</a>	
Meter with remote probe and rechargeable battery	<a href="#">GY-37850-18</a>	

#### Probes

Probe type (must order meter separately)	General-purpose	Stainless steel extra-long	Remote sensor on flexible extension cable
<b>Catalog number</b>	<a href="#">GY-37301-90</a>	<a href="#">GY-37301-92</a>	<a href="#">GY-37301-94</a>
Probe dimensions (L x dia)	12¾" x ½" (323 x 12.7 mm)	21" x ½" (533 x 12.7 mm)	207½" x ½" (5270 x 12.7 mm)
Response time	8 seconds	40 seconds	20 seconds
Humidity	Range	0 to 100%	
	Resolution	0.01%	
	Accuracy	±1% from 0 to 90%; ±2% from 90 to 100%	
Temperature	Range	-4 to 140°F (-20 to 60°C)	-58 to 248°F (-50 to 120°C)
	Resolution	0.1°F (0.1°C)	
	Accuracy	±0.36°F (±0.2°C)	
Dew point	Range	-4 to 212°F (-20 to 100°C)	
	Resolution	0.01°F (0.01°C)	
<b>Price</b>			

## Dew Point and Temperature Meter

### Take in-line measurements with a handheld meter

- In-line measurement for compressed air lines
- Handheld meter withstands condensation for use in pressurized spaces
- Drycap® sensor technology provides accuracy, reliability, long-term stability, and fast response
- Meter logs all readings for later analysis—simply download to your PC via the RS-232 interface
- Meter accurately measures dew point temperature from -40 to 140°F (-40 to 60°C)
- Readings are displayed either numerically or graphically on the backlit LCD
- Unique auto-calibration feature extends the calibration interval and provides long-term stability

**What's included:** Windows®-based analysis software, analog output signal cable, sample cell adapter, rechargeable battery pack, 115 VAC adapter, carrying case, and NIST-traceable calibration report supplied by the manufacturer.



#### Specifications

Mode	Humidity	Temperature	Dew point	Volume concentration
Range	0 to 100%	14 to 140°F (-10 to 60°C)	-40 to 140°F (-40 to 60°C)	40 to 200,000 ppm
Resolution	0.01%	0.01°F/°C	0.01°F/°C	1 ppm
Accuracy	<10%: ±0.025% + 8.75% of rdg; >10%: ±0.7% + 2% of rdg	±0.36°F (±0.2°C)	±3.6°F (±2°C)	7.3 ppm + 8.3% of rdg

**Output:** RS-232 or USB, and 0 to 1 VDC (0.6 mV resolution)

**Data logging capacity:** 2700 points in real time

**Alarm:** audible alarm function

**Probe inputs:** 1 or 2

**Power:** rechargeable NiMH battery pack with AC power or four AA alkaline batteries



Description	Cat. no.	Price
Dew point meter with probe and RS-232 interface	<a href="#">GY-37301-30</a>	
Dew point meter with probe and USB interface	<a href="#">GY-37804-01</a>	

#### Accessories

- [GY-09376-01](#) Batteries, AA. Pack of 4
- [GY-17030-20](#) NIST-traceable recalibration with data for high-accuracy thermohygrometers

### Humidity or Dew Point and Temperature Transmitters

#### Easy maintenance

- Easily remove and replace probe without adjusting the transmitter
- Two-wire, loop-powered output configuration
- Models with LCD allow local indication
- IP65 (NEMA 4) protective housing is easy to clean

The transmitters can be wall mounted and come with either a fixed integral probe or a remote probe, and with or without a display. Remote probe is ideal for high-temperature applications.

**Note:** Other options are available—call your local representative for more information.



#### Specifications

##### Humidity

Range: 0 to 100% RH  
 Accuracy:  
 ±1.7% RH from 0 to 90% RH;  
 ±2.5% RH from 90 to 100% RH

##### Dew point

Accuracy: ±1°F (±1°C)

##### Temperature

Range: -40 to 176°F (-40 to 80°C)  
 Accuracy: ±0.36°F (±0.2°C)  
 from 59 to 77°F (15 to 25°C)

##### Inputs and outputs

Two-wire output signal: 4 to 20 mA  
 External loop load: 10 to 30 VDC, 20 to 30 VDC

**Response time:** 20 seconds (90% response)

**Display:** LCD, 128 x 64 resolution with full graphics (no backlight)

**Power:** 10 to 35 VDC, 24 VAC

**Housing dimensions (L x W x H):** 5¾" x 4¾" x 1½"  
 (14.5 x 12.0 x 3.7 cm)

Parameters	Probe type	Without display		With display	
		Catalog number	Price	Catalog number	Price
Humidity	Fixed integral	<a href="#">GY-37801-40</a>		<a href="#">GY-37801-45</a>	
	Remote, with 16-ft (5-m) cable	<a href="#">GY-37801-42</a>		<a href="#">GY-37801-41</a>	
	Remote, with 32-ft (10-m) cable	<a href="#">GY-37801-44</a>		<a href="#">GY-37801-43</a>	
Humidity and temperature	Fixed integral	<a href="#">GY-37801-46</a>		<a href="#">GY-37801-47</a>	
	Remote, with 10-ft (3-m) cable	<a href="#">GY-37801-48</a>		<a href="#">GY-37801-49</a>	
	Remote, with 16-ft (5-m) cable	<a href="#">GY-37801-50</a>		<a href="#">GY-37801-51</a>	
	Remote, with 32-ft (10-m) cable	<a href="#">GY-37801-52</a>		<a href="#">GY-37801-53</a>	
Dew point and temperature	Fixed integral	<a href="#">GY-37801-54</a>		<a href="#">GY-37801-55</a>	
	Remote, with 16-ft (5-m) cable	<a href="#">GY-37801-56</a>		<a href="#">GY-37801-57</a>	

[GY-17030-20](#) NIST-traceable calibration with data.

### Relative Humidity or RH/Temperature Transmitters

#### Take and monitor readings remotely

Transmitters with the HUMICAP® sensors have long-term stability, negligible hysteresis, and resistance to dust and most chemicals. Two-wire transmitters monitor your humidity or RH/temperature conditions with ±2% RH accuracy. Sensors on models 03334-15 and -35 include a 0.5-µm membrane filter.

**What's included:** NIST-traceable calibration report supplied by the manufacturer.



Wall-mount model 03334-05



Duct-mount model 03334-35

Description		Humidity transmitters		Humidity/temperature transmitters	
<b>Catalog number</b>		<a href="#">GY-03334-05</a>	<a href="#">GY-03334-15</a>	<a href="#">GY-03334-25</a>	<a href="#">GY-03334-35</a>
<b>Mounting type</b>		Wall mount	Duct mount	Wall mount	Duct mount
Humidity	Range	0 to 100%		0 to 100%	
	Accuracy	±2% from 0 to 90%; ±3% from 90 to 100%		±2% from 0 to 90%; ±3% from 90 to 100%	
Temperature	Range	—		23 to 131°F (-5 to 55°C)	-4 to 176°F (-20 to 80°C)
	Accuracy	—		±0.36°F (±0.2°C)	
<b>Output</b>		4 to 20 mA			
<b>Response time</b>		15 seconds with filter; 5 seconds without filter (for 90% of reading at 20°C)			
<b>Power</b>		10 to 35 VDC			
<b>Price</b>					