

## 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