



# HygroMaster 2

## Thermo-Hygrometer with Psychrometric Calculation



The all new Protimeter HygroMaster 2 is the latest in hand-held hygrometry, featuring a simple to use interface and multi-function capability.

### Features

- Infrared non-contact surface temperature
- Psychrometric Calculations
- Data logging
- Simple to use interface with color display

### Benefits

- Fast temperature and humidity response
- Replaceable humidity and temperature sensor
- Highly accurate

### Applications

- Flood damage restoration
- Building survey
- Concrete moisture
- HVAC test and measurement
- Commercial coatings

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Advanced Sensors

# HygroMaster 2 Options

Protimeter	HygroMaster 2	Short QuikStick	HygroStick	Cable	Carry Case	Surface Temp Sensor	Flooring Kit	Humidity Extension Lead	Humidity Probe (30cm)
	POL7750	POL8751	POL4750	BLD7759	441-1023	BLD5808	BLD7750-CKIT	BLD5802	BLD8755
BLD7750	S	O	S	S	S	O	O	O	O
BLD7751	S	S	O	S	S	O	O	O	O

S = Standard Supply    O = Optional

Note: BLD7751 with short QuikStick is recommended for general measurement and BLD7750 with Hygrostick is recommended for high RH harsh environment applications such as ERH concrete floor measurement.

## HygroMaster 2 Specifications

### Gross Weight

8 oz (277 gms)

### Dimensions (LxWxH)

7 in x 3.2 in x 1.5 in (178 mm x 81 mm x 38 mm)

### Display

2" TFT color display, 176 x 220, 256K color

### Batteries (Included)

9V Alkaline

### Warranty

24 months on mechanical or manufacturing defects.  
Does not include wearing part or accessories.

### Plug in Temperature Probe Surface Temperature Probe - BLD5808

Range 32°F to 158°F (0°C to 70°C)

Accuracy at 77°F (25°C) +/- 1.3°F (0.7°C)

### Infrared Surface Temperature Range

IR Based – With 12:1 (D:S) Ratio

Range -4°F to 176°F (-20°C to 80°C)

Accuracy ±3.6°F (±2°C)



### HygroStick Data (Nominal)

30% to 40% RH (±3% RH) at 68°F (20°C).

41% to 98% RH (±2%) at 68°F (20°C).

Range 32°F to 122°F (0°C to 50°C) ±0.6°F (±0.3°C)

### QuikStick and QuikStick ST Data (Nominal)

0% to 10% RH, ±3% RH at 68°F (20°C),

10% to 90% RH, ±2% RH at 68°F (20°C),

90% to 100% RH, ±3% RH at 68°F (20°C),

Range 32°F to 122°F (0°C to 50°C) ±0.6°F (±0.3°C)

Nominal response 30% to 90% and back to 30% RH in 45 seconds @ 68°F (20°C)

### Data Storage

Store up to 8,000 results with date and time stamp from all instrument functions with the push of a button. Store 6100 results with automatic logging.

[www.hygromaster2.com](http://www.hygromaster2.com)

[www.protimeter.com](http://www.protimeter.com)

[www.amphenol-sensors.com](http://www.amphenol-sensors.com)

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