



# 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

**Amphenol**  
Advanced Sensors

# HygroMaster 2 Options

Protimeter	HygroMaster 2	Short QuikStick	HygroStick	Cable and Software	Carry Case	Surface Temp Sensor	Flooring Kit	Humidity Extension Lead	Humidity Probe (30cm)
	POL7750	POL8751	POL4750	BLD7759	BLD7750-POU	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 - BLD5805

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)

**Amphenol**  
Advanced Sensors

© 2015 Amphenol Corporation. All Rights Reserved. Specifications are subject to change without notice. Other company names and product names used in this document are the registered trademarks or trademarks of their respective owners.

AAS-920-665 - 11/2015