PROTIMETER

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	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

www.protimeter.com

www.amphenol-sensors.com

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