

HygroMaster L

Fast Response Thermo-Hygrometer

The Protimeter HygroMaster L is the latest in handheld hygrometry, featuring a simple to use interface and multi-function capability.

Features

- Dewpoint and Specific Humidity (GPP, g/Kg)
- Simple to use interface

Benefits

- Fast response
- High accuracy
- Replaceable humidity and temperature sensor

Applications

- Flood damage restoration
- Building survey
- Concrete and concrete floor moisture measurement (ASTM-F2170 Standard)
- HVAC test and measurement



HygroMaster-L Thermo-Hygrometer

HygroMaster L Options

BLD7751L with short QuikStick humidity sensor (POL8751) is recommended for general measurement and applications such as flood damage restoration. Operates between 0-100% RH.

BLD7750L with HygroStick humidity sensor (BLD4750) is recommended for high %RH harsh environment applications such as ERH measurement in concrete. Operates between 30 and 98% RH.

HygroMaster L 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 display, 176 x 220, 256K

Batteries (Included)

9V Alkaline

HygroStick Data (Nominal)

%RH Range:

30% to 40% RH ($\pm 3\%$ RH) at 68°F (20°C)

41% to 98% RH ($\pm 2\%$) at 68°F (20°C)

Temperature Range:

32°F to 122°F (0°C to 50°C) $\pm 0.6^\circ\text{F}$ ($\pm 0.3^\circ\text{C}$)

QuikStick and QuikStick ST Data (Nominal)

Quikstick (Used for Ambient Readings)

0% to 10% RH, $\pm 3\%$ RH at 77°F (25°C)

10% to 70% RH, $\pm 2\%$ RH at 77°F (25°C)

70% to 99% (non-condensing) RH, $\pm 3\%$ RH at 77°F (25°C)

Temperature range: 32°F to 122°F (0°C to 50°C) $\pm 0.69^\circ\text{F}$ ($\pm 0.5^\circ\text{C}$)

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

Warranty

24 months on mechanical or manufacturing defects.

Does not include wearing of parts or accessories.



Amphenol
Advanced Sensors

www.protimeter.com

www.amphenol-sensors.com

© 2024 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-920-755C - 09/2024