

# Hygromaster 2 Thermo-Hygrometer

BLD7750 and 7751

Hand held Thermo-Hygrometer



The Protimeter Hygromaster 2 is the latest in hand held hygrometry technology. It features outstanding performance with a simple and easy to use interface with multiple Psychrometric calculations and non-contact surface IR temperature probe.

## Features

- Infra-red 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



BAMR (Pty) Ltd, PO Box 23973, Claremont, 7735, South Africa  
Ph : 27 (0)21 683 2100, Fax : 27 (0)21 674 1485  
Email : sales@bamr.co.za Web : www.bamr.co.za

## Technical Specifications

Gross Weight	227 gms
Dimensions (LxWxH)	178 mm X 81 mm X 38 mm
Display	Color LCD
Batteries (Included)	9 V
Warranty	24 months on mechanical or manufacturing defects. Does not include wearing part or accessories

### Plug in Temperature Probe Surface Temperature Probe - BLD5805

Range	0°C to 70°C
Accuracy at 25°C	+/- 0.7°C

### Infrared Surface Temperature Range

IR Based	12:1 (D:S) Ratio
Range	-20°C to 80°C
Accuracy	±2°C

### Hygrostick Data (Nominal)

Accuracy	30% to 40% RH; ±3% RH at 20°C 41% to 98% RH; ±2% RH at 20°C
Range	0°C to 50°C ±0.3°C

### Quikstick and Quikstick ST Data (Nominal)

Accuracy	0% to 10% RH, ±3% RH at 20°C 10% to 90% RH, ±2% RH at 20°C 90% to 100% RH, ±3% RH at 20°C
Range	0°C to 50°C ±0.3°C
Nominal response 30% to 90% and back to 30% RH in 45 seconds @ 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.

### Options

Description	Part Number	BLD7750	BLD7751
HygroMaster 2	POL7750	S	S
Short QuickStick	POL8751	O	S
HygroStick	POL4750	S	O
Cable and Software	BLD7759	S	S
Carry Case	BLD7750-POU	S	S
Surface Temp Sensor	BLD5808	O	O
Flooring Kit	BLD7750-CKIT	O	O
Humidity Extension Lead	BLD5802	O	O
30cm Humidity Probe	BLD8755	O	O

S = Standard

O = Optional

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

