

Protimeter BLD8800 Moisture Measurement System MMS2

• Wood • Drywall • Building Materials • Concrete • Fiberglass Boat Hulls



It takes the "all-in-one" concept to a whole new level.

Introducing the Protimeter MMS2, the world's most advanced all-in-one moisture meter. The attachments aren't just included, they're built in.

The Protimeter MMS2 is the industry's most advanced all-in-one moisture meter. Its ergonomic, 4-in-1 design allows one-handed operation to measure moisture on and below the surface as well as ambient air humidity. With an infrared thermometer to calculate the difference between dew point and surface temperature, this meter is designed to assess moisture in both new and refurbishing projects, as well as to diagnose moisture-related problems in existing buildings.

All Protimeter instruments have a two-year warranty.

Benefits

- Easy-to-use
- Full building moisture diagnostics
- Fast responding hygrometer speeds up building surveys
- No need to always plug in multiple accessories
- Intuitive user interface with color screen

Features

- Pin moisture measurement
- Pinless moisture measurement
- Ambient relative humidity and temperature measurement
- Equilibrium humidity measurement in concrete floors
- Psychrometric calculations
- Laser pointer surface non-contact temperature measurement
- Data logging
- Firmware upgradable



Technical Specifications

Part Number	Description
BLD8800	Protimeter BLD8800 Moisture Measurement System MMS2®
Maximum Needle Depth	10mm
Display	Colour LCD
Moisture Measurement Range	Pin (% WME) 8% to 99, readings over 30% are relative Non-invasive (RF) up to 20 mm deep 60 to 1000 (relative)
IR Surface Temperature Probe Range	-10°C to 50°C
Infrared Surface Temperature Range	IR Based – With 12:1 (D:S) Ratio Range -20°C to 80°C Accuracy ±2°C
Hygrostick Data (Nominal)	30% to 40% RH (±3% RH) at 20°C 41% to 98% RH (±2%) at 20°C Range 0°C to 50°C ±0.3°C
Quikstick and Quikstick ST Data (Nominal)	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.
Gross Weight	283 g
Dimensions (L x W x H)	190.5mm x 94mm x 56mm
Batteries (Included)	9 V
Warranty	24 months on mechanical or manufacturing defects <i>Does not include wearing part or accessories</i>

Packing List

Protimeter BLD8800 Moisture Measurement System MMS2®
Auxiliary HD MC Probe
Case Shoulder Strap
Wrist Strap
Calibration Check Device
Protimeter Hard Carry Case
1 x 9V
Two Spare Pins
Instruction Manual



Video



YouTube Video - Introduction to Protimeter MMS2 | The industry's most advanced ALL-IN-ONE moisture meter!
(Click on the image to the left to view the video)

The attachments aren't just included, they're built in! The Protimeter MMS2 is the industry's most advanced all-in-one moisture meter. Its ergonomic, 4-in-1 design allows one-handed operation to measure moisture on and below the surface, as well as ambient air humidity. It also includes an infrared (IR) thermometer, which calculates the difference between dew point and surface temperature, is just one of the many advances designed in to assess moisture in new and refurbishing projects, as well as to diagnose moisture-related problems in existing buildings.

Accessories

Part number	Description	Protimeter MMS2				
		BLD8800	BLD8800-S	BLD8800-C	BLD8800-C-S	BLD8800-C-R
POL8800	MMS instrument	•	•	•	•	•
POL8751	Quikstick ST	•	•	•	•	•
BLD5060	HD MC probe	•	•	•	•	•
POL4750	Hygrostick		•		•	
BLD5802	Hygro/quick		•		•	
BLD5055	HD Hammer					•
BLD05297	4 x Hammer Pins					•
BLD5018	Deep Wall probes 125mm		•		•	•
BLD5020	Deep Wall probes 230 mm					
BLD5808	Surface temp sensor				•	
BLD5086	Cal check	•	•	•	•	•
INS8800	Instructions	•	•	•	•	•
BLD7758	Software + Cable		•	•	•	•
Pou5800-01	Canvas carry pouch	•	•			
BLD5910	Hard carry			•	•	•



Four-In-One Moisture Measurement System

Measure (pin mode)

Diagnoses the extent of moisture intrusion for damage assessment and monitor drying out of building structures



- Use built-in pin or plug in the heavy duty moisture probe for measuring in hard-to-reach areas
- Use deep wall pin-type probes to measure moisture in walls, wall cavity insulation, sub and surface structures
- Use accessories such as hammer probes to measure at depth

Search (non-invasive mode)

Behind ceramic tile, fine finishes, water stains, tile and vinyl floor coverings, wood drywall, plaster, masonry, concrete and concrete block



- Non-invasive pinless radio frequency finds moisture up to 20 mm below surface
- Search mode not adversely affected by surface moisture

Hygrometry

Measures or monitors buildings for adequate ventilation affecting indoor air quality and moisture problems



- Measures relative humidity and temperature, dew point and surface temperature, surface proximity to dew point (condensation) and grains per pound, as well as multiple psychrometric calculations
- Allows measurement of equipment such as dehumidifiers
- Measures equilibrium relative humidity in concrete floors using the in situ probe method
- Use to detect conditions for mould and fungus growth, that can lead to unhealthy living conditions

Surface Temperature (IR)

- Checks surface temperature, utilizing laser pointer, calculates proximity to dewpoint



