

Digital Mini Moisture Meter

BLD5702

Protimeter Digital Pin Type Moisture Meter



The Digital Mini allows building professionals—such as flood damage restoration contractors, surveyors, homebuilders and architects—to assess building moisture levels during new build and refurbishing activities. Excessive moisture in buildings can lead to decay and deterioration of components and decorative finishes. Professionals involved with the identification, management and remedy of moisture need tools that help them to:

- Easily identify the extent of the moisture penetration,
- diagnose the cause of the problem and
- monitor changes in moisture level.

Plus, the ability to add optional attachments and a patent pending reference mode enables you to compare your reading with a baseline measurement.

This reliable moisture meter has a pin type measurement function and shows results on the large digital display as well as the easy to interpret colour LED display. The instrument has an auxiliary port for optional moisture probes.

Features

- Rugged construction
- Large backlit display
- Pin moisture measurement
- Wide range of accessory plugins
- Industry leading 2-year warranty

Benefits

- Easy-to-use
- Allows rapid assessment of building moisture
- Instant readings in a wide range of building materials

Measure Mode Pin-Type

Pin mode is used to measure the moisture level at the surface. Sub-surface measurements can be obtained by using the Digital Mini with optional probes, such as the Hammer Electrode for wood, Deep Wall Probes for solid walls and the EIFS probe for exterior insulation and finishing systems. Measure mode readings are precise and specific to the contact area of the electrodes that are used.

The Digital Mini is calibrated for wood, so displays the actual percent moisture content when used on wood. When used to measure the moisture level of materials other than wood, such as plaster or masonry, the instrument displays the Wood Moisture Equivalent (WME) value of the material. The colour coded LEDs are synchronised with the digital display to provide information on the moisture condition of the material at the point of measurement.

Optional Moisture Probes

- Hammer Electrodes are used to obtain sub-surface measurements in wood. The heavy duty version is designed for frequent use in both hard and soft woods whereas the light duty version is designed for occasional use in soft woods.
- Deep Wall Probes are used to obtain measurements at depth in solid and composite walls. Clearance holes need to be drilled in the material to the required depth into which the Deep Wall Probes are inserted. The moisture gradient of the material can be identified by increasing the depths of the holes incrementally and then taking readings.
- EIFS Probes are ideal for measuring the moisture level within and through Exterior Insulation and Finishing Systems types of wall cladding.



Reference Mode

Protimeter's Reference Mode is particularly useful when there is a need to compare measurements taken at numerous points in a building to a selected reference or baseline value.

The reference is determined by taking a measurement whilst pressing and holding the ► button for two seconds. The instrument now has two display lines, enabling the user to compare subsequent measurements to the reference that is now stored within the instrument.

As shown in the example screen to the right, assume a reference measurement of 10.0 %WME was measured and stored in the Digital Mini. A subsequent measurement of 18.8 %WME is taken and displayed on the top line and the difference to the reference, + 8.8 %WME, is displayed on the bottom line.



Applications

The Digital Mini is the perfect tool for getting accurate readings in a wide range of building materials. This easy-to-use and rugged pin type meter allows the user to either push the pins deep into the material with its versatile accessories, or lightly press the pins on the surface—barely leaving a mark. The intuitive color LED and backlit LCD provides clear and quick display of high moisture areas.

The Digital Mini uses the same attachment as the rest of the Protimeter range, including the Hammer Electrode including:

- Building survey
- Fire and flood restoration
- Concrete surface measurement
- Indoor air quality
- Environmental health
- Wooden sub-floor and hardwood flooring

Technical Specifications

Range	7.9% to 99% WME (Pin Measurement)	
	Dry (green)	7-16.9
	At Risk (yellow)	17-19.9
	Wet (red)	20-99.9
Display	Display 1	Digital LCD backlit
	Display 2	60 LEDs green (dry), yellow (at risk) and red (wet)
Depth of moisture	Pin	up to 12.5 mm
Case	Pouch with belt loop	
Power	9 V battery (supplied)	
Warranty	2 years on mechanical or manufacturing defects. Does not include wearing part or accessories.	
Part Number	BLD5702	
Weight	225g (including Batteries)	
Dimensions	190 mm x 70 mm x 49 mm	
Battery	One 9 V 6F22R	
User adjustable features:	Auto shut off 1-6 mins. Hold feature Backlight on/off. Audible on/off. Dry, At Risk and Wet Indicator on/off.	

Optional Accessories

- Hammer electrode:
 - Heavy Duty version : BLD5055
 - Light Duty version: BLD5000
- Deep Wall Probes:
 - Standard (130mm): BLD5018
 - Long (240mm): BLD5020
 - Extra Long (360mm): BLD5019
- Heavy Duty 2-pin Probe: BLD5060
- EIFS Probe: BLD5070



BLD5000
Light Duty Hammer Electrode



BLD5000
Heavy Duty 2-pin Probe

Packing List

- Digital Mini moisture meter with LCD and LED display
- Auxiliary 2-pin moisture probe (BLD5079-2T)
- Pouch with belt loop
- User instructions
- Wood Species Calibration Tables
- Calibration Check Device
- Two spare pins

