

Protimeter BLD5375 Surveymaster Moisture Meter

New Protimeter Dual-Function Moisture Meter

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



The world's original and best-selling dual-function moisture meter with both pin and non-invasive measurement capabilities.

The right moisture meter makes all the difference! And we've made even more improvements to enhance the Protimeter Surveymaster. This versatile pin and non-invasive moisture meter is ergonomically designed for easy, one-handed operation to measure moisture in buildings, and other related structures, both on and below the surface. This allows you to assess moisture levels for both new and refurbishing activities, as well as to diagnose moisture-related problems in existing buildings.

Our new model features a larger display for easy reading, automatic calibration checks every 50 power cycles, and user field calibration of the non-invasive mode. Additionally, the battery life is now 3 times longer!

The SurveyMaster moisture meter has Bluetooth capabilities to connect to our Protimeter Connect app. This allows you to save and download readings with the time and date stamp.

Features

- Bluetooth Connectivity for data recording
- Auto shut off 0-10 min
- Hold feature
- Backlight On/Off
- Buzzer On/Off
- Dry, At Risk, and Wet Indicator On/Off
- In-built WME auto calibration check
- Periodic WME auto calibration check
- Field calibration for non-invasive mode
- Over the air firmware upgrade
- Multilingual UI

Benefits

- Easy-to-use
- Allows rapid assessment of building moisture
- Instant readings in a wide range of building materials
- Non-invasive measurement not adversely affected by surface moisture
- Two meters in one



Applications

When concise and accurate environmental readings need to be reported, the SurveyMaster gets the job done. The ability to use both functions to instantly determine the potential evidence of excessive moisture makes this instrument ideal for many applications including:

- Building survey
- Fire and flood restoration
- Concrete and wood floor moisture measurement
- Indoor air quality
- Environmental health

Two Operational Modes

This reliable moisture meter has two modes of operation—search and measure. These functions can help the user to distinguish sub-surface from surface moisture, essential information when trying to establish the extent and cause of a dampness problem

Search Mode - Non-Invasive

The search mode is used to assess the moisture level beneath the surface of solid walls and floors independently of surface conditions. The nominal depth of the measurement is 20 mm; this depends on the density and other characteristics of the material being measured. When held against the surface, as shown below, the instrument transmits a signal into the material. The relative moisture level is shown on the digital display and its moisture condition is shown on the accompanying scale of color-coded lights. This measurement presentation helps the user to:

- Look for moisture behind wall and floor coverings, such as tile and vinyl.
- Assess, in relative terms, if the material is in a dry, borderline or damp condition.
- Map the extent of the problem numerically.
- Non-invasive pinless radio frequency finds moisture at depth where moisture is not always directly visible—up to 25 mm below the surface.
- This mode of measurement is not adversely affected by the presence of surface moisture.



Applications: Shower pans, behind ceramic tile, fine finishes, water stains, tile and vinyl floor coverings, joists, around toilets, drywall, below grade floors and walls, plaster, masonry, concrete and concrete block.

Note: Metal additives in concrete can create false positive readings.

Measure Mode - Pin-Type

This mode is used to measure the moisture level at the surface and at incremental depth, when used with the auxiliary probes. Measure mode readings are precise and specific to the immediate area of contact of the electrodes. The actual moisture content of wood is shown on the digital display with the corresponding moisture condition shown on the accompanying scale of color-coded lights. Wood Moisture Equivalent (WME) values are shown for other non-conductive, porous building materials.

- Pin-type probes measure moisture in wood and other building materials (use provided wood species calibration chart for more precise readings)
- Deep wall probes establish the presence of moisture in wall cavity insulation, sub and surface structures



Options

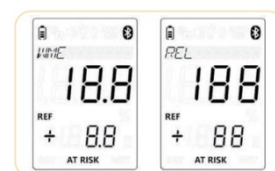
- Exterior Insulation and Finished Systems (EIFS) probe finds moisture in exterior insulation finishing systems
- Hammer electrode for wood floor applications

Applications: Wood and wood floors, subfloors, drywall, concrete and concrete block, stucco, plaster, masonry and EIFS.

Reference mode (Patent Pending)

In both Pin and Search mode, GE's patent pending Reference Mode can be used. Reference mode can be useful when trying to establish what materials are above or below a point of reference or dry standard.

Measure the dry standard or baseline material until the meter's reading is stable then press for seconds. This will store the reading until the mode changes of the meter turns off. Now all readings taken after will be displayed as normal, but below you will see a second reading that shows you if the material is measured above or below the original reading.



Technical Specifications

Rapid, non-invasive and pin moisture evaluation in building materials. Detects moisture directly in materials such as concrete and below wall and floor coverings such as tile, wood and vinyl

Range	Relative (non-invasive)	60 to 999
		Dry (green) 60-169
		At risk (yellow) 170-199
		Wet (red) 200-999
Pin Measurement	Pin Measurement	6% to 99% WME
		Dry (green) 6-16.9
		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	Non-invasive	up to 19 mm
	Pin	up to 10 mm
Case	Pouch with belt loop	
Power	2x AA (supplied)	
Warranty	2 years on mechanical or manufacturing defects.	
	Does not include wearing part or accessories.	
Weight	225g (including Batteries)	
Dimensions	190mm x 70mm x 49mm	

Packing List

Protimeter BLD5375 Surveymaster Moisture Meter

Short Pouch

HD MC Probe

Wood Calibration Chart

Instruction Manual



Accessories

BLD5020	Deep Wall Probes (240 mm) - fits all Protimeter Minis, Timbermasters & Surveymasters
BLD5000	Hammer Electrode - Plugs into Protimeter Minis, Survey and Timber Masters - Penetrates 37 mm
BLD5055	Hammer Electrode - Heavy Duty Design
BLD5070	EIFS Probe

Video



YouTube Video - Protimeter SurveyMaster Moisture meter with Bluetooth BLD5375

(Click on the image to the left to view the video)

The Protimeter Surveymaster uses both pin and non-invasive moisture measurement modes. This video describes how to use both modes to evaluate moisture in a building.