

GE Infrastructure Sensing

The moisture you cannot see matters most when cleaning and restoring a property after water damage from storms, floods or fires. From hidden mold to unseen structural damage, undetected moisture damages health and property and its oversight can create liability. That's why the right moisture meter makes the difference.

The MMS Plus is a complete moisture measurement system in one easy-to-use robust instrument.

- Hygrometer mode measures relative humidity, ambient temperature, dew point and grains per pound with a replaceable Hygrostick™ probe
- Pin measure mode determines moisture content of wood and Wood Moisture Equivalent (WME) in other building materials

- Pinless measure mode uses radio frequency to detect moisture non-invasively

Features

- Automatic grains-per-lb calculations for specific humidity
- Data logging with PC interface
- Interchangeable Hygrostick probe*
- Optional low range RH probe from 1% to 40% RH*

* The use of two sensors rather than one for the entire humidity range ensures accuracy at either end of the spectrum.

MMS Plus Protimeter Moisture Measurement System Plus

The MMS Plus is a GE Protimeter product. GE Protimeter has joined other GE high-technology sensing businesses under a new name—GE Infrastructure Sensing.



GE Infrastructure Sensing

Three-In-One Moisture Measurement System

Measure moisture in wood and wood floors, drywall, concrete and concrete block, stucco, plaster, masonry and other building materials.

- Diagnose the extent of moisture intrusion for damage assessment and monitor drying out of building structures
- Use deep wall pin-type probes to measure moisture in walls, wall cavity insulation, sub and surface structures

Search 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 3/4 in (19 mm) below surface
- Search mode not adversely affected by surface moisture

Hygrometry checks the dehumidification process and monitors buildings for adequate ventilation affecting indoor air quality.

- Measures moisture in concrete floors using ASTM F2170-02
- Measures relative humidity and temperature, dew point and surface temperature, surface proximity to dew point (condensation) and grains per pound
- Use to detect conditions for mold and fungus growth, that can lead to unhealthy living conditions



Measure



Search



Hygrometry

MMS Plus Specifications

Included as Standard

Instruments with grains/lb automatic calculation, data download software with cable, Hygrostick, surface temperature sensor, 5 in (127 mm) deep wall probes, pin moisture probe, Hygrostick extension lead, wood calibration chart, calibration check device, spare pins, instructions and nylon pouch

Gross Weight

10.58 oz (300 g) instrument only. 2.5 lb (.006 g) complete kit

Dimensions (LxWxH)

7 in x 2.75 in x 1.9 in (180 mm x 70 mm x 49 mm)

Maximum Needle Depth

0.4 in (10 mm)

Display

LCD

Batteries (Included)

2 AA

Measurement Range

Pin (% WME)

6 to 99

Non-invasive (RF) up to 3/4 in (19 mm) deep

0 to 1000 (relative)

Hygrostick (RH) nominal

20% to 100% RH, 32°F to 122°F (0°C to 50°C)

Temperature Probe Range

15°F to 120°F (-10°C to -50°C)

Hygrostick Data (Nominal)

30% to 40% RH ($\pm 2.5\%$ RH)

41% to 98% ($\pm 1.75\%$ RH)

0.5°F to 122°F (-18°C to -50°C) $\pm 0.6^\circ\text{F}$ (0.3°C)

Low Range RH Sensor (Nominal)

Optional MMS Plus 0% to 40% RH $\pm 2.0\%$,
Temperature 32°F to 104°F $\pm 6.0^\circ$ (0°C to 40°C $\pm 0.3^\circ$)



Data Storage

Store up to 1,000 results with date and time stamp from all instrument functions

Part Number

BLD5800LH

Accessories

Hammer Electrode

Measures moisture to a depth of 1.38 in (35 mm). Weight 3.25 lbs. Part number BLD5055.

Deep Wall Probe

Measures moisture at depth in walls and other structures. Length 9 in (230 mm). Part number BLD5020.

Humidity Sleeves

Twenty pack. Measurement of RH in concrete slabs. Part number ASTM F2120.

Hygrostick

Five pack standard. Three point calibration. Traceable calibration certificate available. Part number BLD4750C.

Low Range RH Sensor

Designed for accurate measurement for low % RH dehumidifiers. 0% to 40% range. Part number BLD5812.

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