

# GE 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 all 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 storage with PC interface
- Interchangeable Hygrostick and Humistick™ probes

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# MMS Plus

## Protimeter Moisture Measurement System

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



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## 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
- Zero function for temperature variances

**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

- Instrument with grains/lb automatic calculation
- Data download software with cable
- Hygrostick (BLD5800LH) or Humistick (BLD5800HS)
- Surface temperature sensor
- 5 in (127 mm) deep wall probes
- Pin moisture probe
- Hygrostick/Humistick extension lead
- Wood calibration chart
- Calibration check device
- Spare pins
- Instructions and nylon zipper pouch

## Gross Weight

10.58 oz (300 g) instrument only. 2.5 lb (1.1 kg) 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

## Moisture Measurement Range

*Pin (% WME)* 8% to 99, reading over 30% are relative  
*Non-invasive (RF) up to 3/4 in (19 mm) deep*  
0 to 1000 (relative)

## Temperature Probe Range

15°F to 120°F (-10°C to 50°C)

## Hygrostick Data (Nominal)

30% to 40% RH ( $\pm 3\%$  RH)  
41% to 98% RH ( $\pm 1.75\%$  RH)  
32°F to 122°F (0°C to 50°C)  $\pm 0.6^\circ\text{F}$  ( $\pm 0.3^\circ\text{C}$ )



## Humistick Data (Nominal)

0% to 10% RH,  $\pm 3\%$  RH at 68°F to 86°F (20°C to 30°C),  
10% to 90% RH,  $\pm 2\%$  RH at 68°F to 86°F (20°C to 30°C),  
90% to 100% RH,  $\pm 3\%$  RH at 68°F to 86°F (20°C to 30°C),  
32°F to 122°F (0°C to 50°C)  $\pm 0.6^\circ\text{F}$  ( $\pm 0.3^\circ\text{C}$ )  
Nominal response 30% to 90% and back to 30% RH in  
45 seconds @ 68°F (20°C)

*Humisticks for meters made with firmware version 3.10 or higher.*

## Data Storage

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

## Part Number

BLD5800LH–MMS kit with Hygrostick  
BLD5800HS–MMS kit with Humistick

## Accessories

### Hammer Electrode (BLD5055)

Measures moisture to a depth of 1.38 in (35 mm). Weight 3.25 lb (1.5 kg).

### Humidity Sleeves (BLD4750HS)

20, 50 and 100 packs available for measurement of RH% in concrete slabs.

### Hygrostick (BLD4750C)

Five pack standard. Three point calibration. Traceable calibration certificate (part number BLD CERT) available.

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