



MMS Now Calculates Grains / Lb.

## GE Measurement & Sensing Technologies

Protimeter

### Find Moisture

- Dry Wall
- Wood
- Concrete
- Ceramic Tile
- Flooring

## VERIFY IT'S DRY It's the Moisture You Can't See That Matters Most

Restoring and cleaning a property after water damage caused by a flood or fire can be timely and expensive. The correct use of moisture meters can reduce both time and cost. Use Protimeter moisture meters to rapidly assess damage for job estimates and during the drying out and cleaning process. Protimeter's range of moisture and multi-function instruments are essential tools for the restoration and cleaning contractor.

## FOR CLEANING & RESTORATION

### Measure



- Pin type probes measure moisture in wood and other building materials.
- Deep wall probes establish the presence of moisture in wall cavity insulation, sub and surface structures.
- Diagnose the extent of moisture intrusion for damage assessment and monitor drying out of building structures.

**Applications:** Wood and wood floors, drywall, concrete and concrete block, stucco, plaster, masonry and other building materials.

**Instruments:** Mini, Surveymaster, MMS

### Search



- Non-invasive pinless radio frequency finds moisture at depth where moisture is not always directly visible - up to 1" below surface.
- This mode of measurement is not adversely affected by the presence of surface moisture, i.e., condensation.

**Applications:** Behind ceramic tile, fine finishes, water stains, tile and vinyl floor coverings, joists, drywall, plaster, masonry, concrete and concrete block.

**Instruments:** Surveymaster, MMS, Aquant

### Hygrometry



- Measure Relative Humidity and temperature, dew point and surface temperature.
- High humidity levels can cause mold and fungus growth, which can lead to unhealthy living conditions.

**Applications:** Check dehumidification process, monitor buildings for adequate ventilation affecting indoor air quality, detect the presence of condensation.

**Instruments:** Hygromaster, MMS

## Protimeter Instruments

### MMS



3 meters in one to identify, diagnose and monitor moisture problems:

**Hygrometer Mode** measures relative humidity, temperature, dew point and proximity to dew point with modular, replaceable Hygrostick™.

**Pin Measure Mode** determines moisture content of wood and Wood Moisture Equivalent (WME) value of building materials.

**Pinless Measure Mode** uses radio frequency for non-invasive moisture detection.

### Surveymaster SM



2 meters in one with these built-in functions:

**Search Mode** uses non-invasive radio frequency to detect moisture below the surface and behind finishes.

**Measure Mode** uses pin electrodes or deep wall probe (included) for precise measurements in common building materials.

### Hygromaster



Versatile hygrometer measures relative humidity, temperature and dew point:

- Large LCD display in 0.1% increments.
- Modular, replaceable Hygrostick probe.
- Optional surface temperature probe (BLD4701) for a range of applications.

### Mini



General purpose, pin-type instrument for a broad range of construction materials

- Ultra-bright, easy-to-read, scaled green/yellow/red LED display.
- Versatile, 6-90% measurement range.
- Ergonomic, easy-to-use design.

	<b>MMS</b>	<b>MMS Plus</b>	<b>Hygromaster</b>	<b>Surveymaster SM</b>	<b>Mini</b>
<b>Product Code</b>	<b>BLD5800</b>	<b>BLD5812</b>	<b>BLD4700</b>	<b>BLD5350</b>	<b>BLD2000</b>
<b>Includes as Standard</b>	Instrument, 5" deep wall probe heavy-duty extension lead, Hygrostick probe, extension lead, surface temp. sensor, wood calibration chart, calibration check device, spare pins, instruction, nylon pouch	Same as standard MMS, the MMS Plus also includes instrument with grains / lb automatic calculation and data download software with cable	Instrument, Hygrostick probe, instructions, pouch	Instrument, heavy duty pin extension lead, deep wall probes, wood calibration chart, calibration check device, spare pins, instructions, pouch	Instrument, extension lead, wood calibration chart, calibration check device, spare pins, instructions, pouch
<b>Gross Weight</b>	10.58 oz. (300 g)	10.58 oz. (300 g)	5.3 oz. (150 g)	7 oz. (200 g)	5.3 oz. (150 g)
<b>Dimensions (LxWxH)</b>	7 x 2.75 x 1.9" (180 x 70 x 49 mm)	7 x 2.75 x 1.9" (180 x 70 x 49 mm)	7 x 1.9 x 1" (180 x 49 x 28 mm)	6.7 x 2 x 1.6" (170 x 53 x 40 mm)	7 x 1 x 1.9" (180 x 28 x 49 mm)
<b>Max. Needle Depth</b>	0.4" (10 mm)	0.4" (10 mm)	N/A	0.4" (10 mm)	0.4" (10 mm)
<b>Display</b>	LCD	LCD	LCD	LED and LCD	LED
<b>Batteries (included)</b>	2 AA batteries	2 AA batteries	2 AA batteries	2 AA batteries	(1) 9 v battery
<b>Measurement Range Pin (% WME)</b>	6 - 99	6 - 99	N/A	6 - 99.9	6 - 90
<b>Non-Invasive (RF)</b>	0-1000 (relative) up to 1" (25.4mm) deep	0-1000 (relative) up to 1" (25.4mm) deep	N/A	6-100 (relative) up to 3/4" (19.05mm) deep	N/A
<b>Hygrostick (RH) Nominal</b>	20 - 100% RH, 32° - 122°F (0° - 50°C)	20 - 100% RH, 32° - 122°F (0° - 50°C)	20 - 100% RH, 32° - 122°F (0° - 50°C)	N/A	N/A
<b>Temp. Probe Range Nominal</b>	15° - 120°F (-10° - 50°C)	15° - 120°F (-10° - 50°C)	15° - 120°F (-10° - 50°C)	N/A	N/A
<b>Hygrostick Data Nominal</b>					
30 - 40% RH	±2.5% RH	±2.5% RH	±2.5% RH	N/A	N/A
41 - 98%	±1.75% RH	±1.75% RH	±1.75% RH	N/A	N/A
0.5° - 122° F (-18° - 50° C)	0.6°F (0.3°C)	0.6°F (0.3°C)	0.6°F (0.3°C)	N/A	N/A
<b>Low Range RH Sensor</b> Optional MMS Plus Only Nominal		0 - 40% RH ±2.0% Temp. 32°-104°F ±0.6° (0-40°C ±0.3°)			

## Accessories



**Low Range RH Sensor BLD5812\***  
Designed for accurate measurement for low % RH Dehumidifiers. 0 - 40% range.



**Hammer Electrode Standard BLD5000\*\***  
measures moisture to a depth of 1.38" (35mm).  
Wt. 31.75 oz. (0.9 kg)



**Deep Wall Probe BLD5020\*\***  
measures moisture at depth in walls and other structures.  
Length: 9" (230mm)



**EIFS Probe BLD5070\*\***  
for measuring moisture levels in exterior insulation and finishing systems.  
Needle length: 3.93" (100mm)



**Surface Temperature BLD4701\*\*\***  
for measuring surface temperatures when investigating surface dew point or condensation conditions.



**Hygrostick Extension Lead BLD5802\*\*\***  
enables the user to take RH/temperature readings more easily in materials and inaccessible areas.

**Hygrostick BLD4750C\*\*\***  
standard 5 pack 4 pt. calibration. Traceable calibration certificate available.

*Avoid costly mistakes...*

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\* (MMS Kit only)  
\*\* Except Hygromaster  
\*\*\* MMS & Hygromaster only

Specifications subject to change without prior notice.

MC/Visa



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