



**Precision, Specialty and Innovation . . . Since 1922**



|                                               |                |
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## New & Featured Products

**DSMM600**  
4-in-1  
Soil Condition  
Meter  
(see page 11)



**RHMG650**  
10-Parameter  
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Hygrometer  
with Pin/Pinless  
Moisture Meter  
(see page 9)



**RHMG700**  
13-Parameter  
Data Logging  
Thermo-  
Hygrometer  
with Pin/Pinless  
Moisture Meter  
(see page 9)



**MMD8P**  
Precision  
Multi-Species  
Wood Moisture  
Meter  
(see page 8)



**MMD7NP**  
Pinless LCD  
Moisture Meter  
with Tricolor  
Bar Graph  
(see page 9)



## CONTRACTOR'S KIT – KT100

Ideal for restoration and renovation specialists. Buy all three units and save!

### MSV100 – 3-In-1 Stud/Voltage/Metal Detector

#### FEATURES:

- Detects wood joists/studs, live wires and pipes/cables behind walls
- Automatically compensates for wall thickness
- In voltage mode, automatically compensates for distance to wire
- Center arrow and beeper pinpoint edges
- Marking slot on top of unit
- 1-Year limited warranty



#### SPECIFICATIONS:

- Wall Thickness for Wood Detection : ¾ in. (max)
- Voltage Detection Range Behind Wall: 2 in.
- Metal Detection Range Behind Wall: 1.5 in.
- Operating Temperature: 40° to 104°F
- Dimensions: 7.1 x 3.0 x 1.2 in.
- Power Source: 1 “9V” battery (included)
- Battery Life: 1-year normal use

### IRTC50 – Scanning IR Thermometer

#### FEATURES:

- One squeeze of trigger captures reference temp and begins scanning
- Color of light panel and speed of beeper indicate whether target is above, within or below reference temperature ± setpoint bandwidth
- Choice of three setpoint bandwidths: 1°F (default), 5°F and 10°F
- Ideal for making relative readings—as in energy auditing
- Star Burst laser targeting helps determine optimum target distance
- 1-Year limited warranty



#### SPECIFICATIONS:

- Distance-To-Spot (D:S) Ratio: 8:1
- Measurement Range: -40° to 428°F
- Measurement Accuracy/Resolution: ±4°F above 32°F; ±3°F below 32°F/0.1°
- Emissivity: Fixed at 0.95
- Power Source: 1 “9V” battery (included)

#### KIT INCLUDES:

- Soft Carrying Case
- 3 Batteries
- 3 User's Manuals

### MMD7NP – Pinless Moisture Meter

#### FEATURES:

- Separate settings for drywall, masonry, softwood and hardwood
- 2 in. backlit LCD + 3-color LED bar graph
- Non-invasive technology with ¾ in. maximum sensing depth
- ±4% accuracy on wood
- Auto calibrating
- Reading HOLD button
- Separate out-of-range alarms for wood and building materials
- 1-Year limited warranty



#### SPECIFICATIONS:

- Measurement Ranges: 0 to 53% for softwood; 0 to 35% for hardwood
- Measurement Accuracy/Resolution: ±4%/1%
- Maximum Sensing Depth: ¾ in.
- Operating Temperature: 32° to 104°F
- Dimensions: 6.7 x 2.9 x 1.2 in.
- Weight: 5.4 oz. (152g) without battery
- Power Source: 1 “9V” battery (included)

| UPC     | NO.   |
|---------|-------|
| 01603 9 | KT100 |



KT100



## PROFESSIONAL INSPECTION KIT – KT280

Ideal for restoration & renovation specialists, HVAC/R installers & technicians, & building inspectors. Buy all three units and save!

### DCS280 – Rugged Video Inspection System

#### FEATURES:

- Grip and color LCD are IP54 splash-proof and 1m drop-proof
- Thin (0.35 in.) probe is IP67 oil, water and dust-proof
- One-handed operation frees your other hand to use tools
- Video flip and 2X zoom buttons
- Includes four probe tip accessories (thread protector, magnetic pickup, pickup hook, 45° mirror)
- 3-Year limited warranty



#### SPECIFICATIONS:

- Camera/LCD Resolution: 320 x 240 pixels
- Depth of Field: 1 in. to 10 ft. (25mm to 3m)
- Video Controls: 180° flip, 2X zoom in 7 steps
- Dimensions of Grip and Monitor: 8.5 x 4.6 x 3.2 in.
- Power Source: 4 “AA” batteries (included)

#### KIT INCLUDES:

- Soft Carrying Case
- 7 Batteries (4 “AA”, 2 CR2032, 1 “9V”)
- 3 User's Manuals

### IRT105 – 6:1 Pocket Infrared Thermometer

#### FEATURES:

- Adjustable emissivity
- Min and Max measurement modes + Measurement Lock mode
- Selectable °F or °C unit
- Small and light and easy to use



#### SPECIFICATIONS:

- Distance-To-Spot (D:S) Ratio: 6:1
- Measurement Range: -22° to 482°F
- Measurement Accuracy/Resolution: ±3°F above 32°F; ±5°F below 32°F/0.1°
- Dimensions: 4.25 x 2.05 x 0.98 in.
- Weight: 1.41 oz. (40g)
- Power Source: 2 CR2032 Li-ion batteries (included)
- 1-Year limited warranty

### MMD7NP – Pinless Moisture Meter

#### FEATURES:

- Separate settings for drywall, masonry, softwood and hardwood
- 2 in. backlit LCD + 3-color LED bar graph
- Non-invasive technology with ¾ in. maximum sensing depth
- ±4% accuracy on wood
- Auto calibrating
- Reading HOLD button
- Separate out-of-range alarms for wood and building materials
- 1-Year limited warranty



#### SPECIFICATIONS:

- Measurement Ranges: 0 to 53% for softwood; 0 to 35% for hardwood
- Measurement Accuracy/Resolution: ±4%/1%
- Maximum Sensing Depth: ¾ in.
- Operating Temperature: 32° to 104°F
- Dimensions: 6.7 x 2.9 x 1.2 in.
- Weight: 5.4 oz. (152g) without battery
- Power Source: 1 “9V” battery (included)

| UPC     | NO.   |
|---------|-------|
| 01604 6 | KT280 |



KT280



Indicates optional NIST calibration is available

## Affordable. Versatile. And High-tech.

We're especially excited about our new MMD950, with its "magic" sphere that can sense moisture 4 inches below a hard surface. This instrument and its siblings demonstrate that when it comes to construction materials like wood, concrete and wallboard, General has the right moisture measurement tool for you.



**MM1E**  
see page 6



**MMD4E**  
see page 6



**MMD5NP**  
see page 6



**MM70D**  
see page 9



**MMD7003**  
see page 7

## SPECIFICATIONS

| Model No.                                                           | MM1E                                  | MMD4E                                       | MMD5NP                                | MM70D                                                                                                                         | MMD7003                                    |
|---------------------------------------------------------------------|---------------------------------------|---------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Name                                                                | Pin-Type LED Bar Graph Moisture Meter | Pin-Type LCD Moisture Meter                 | Pinless LCD Moisture Meter            | Pin-Type LCD Moisture Meter with Remote Pin-Type Probe                                                                        | Pin-Type LCD Moisture Meter with Bar Graph |
| Measurement Depth                                                   | Mostly surface                        | Mostly surface                              | 3/4 in. (20mm)                        | Mostly surface                                                                                                                | Mostly surface                             |
| Pin Length                                                          | 3/8 in. (10mm)                        | 3/8 in. (10mm)                              | N/A                                   | 1/2 in. (13mm) and 7/8 in. (23mm)                                                                                             | 0.44 in. (11mm)                            |
| Measurement Accuracy                                                | ±1% of reading                        | ±3% of reading                              | ±(3% of reading + 3 digits)           | ±1% of reading                                                                                                                | ±(5% of reading + 5 digits)                |
| Measurement Resolution                                              | 1%                                    | 0.1%                                        | 0.1%                                  | 0.1%                                                                                                                          | 0.1%                                       |
| Material Selection Switch                                           | No                                    | Yes                                         | Yes                                   | Yes                                                                                                                           | Yes                                        |
| Calibration Check                                                   | Manual                                | No                                          | No                                    | Manual                                                                                                                        | No                                         |
| Other Features                                                      |                                       | Data hold, Lo/Med/Hi moisture tones & icons | Data hold, Audible peak reading alert | 99 reading memory, 8 wood species selection, Auto Temperature Compensation, Data hold, Min/Max/Avg memory, Manual calibration | Data hold, Min/Max memory                  |
| Includes (in addition to user's manual and 1 year limited warranty) | "9V" battery                          | "9V" battery                                | "9V" battery                          | Soft pouch, "9V" battery                                                                                                      | 10 pairs of extra pins                     |





**MMD7NP**  
see page 7

**MMD8P**  
see page 7

**RHM650**  
see page 9

**MMH800**  
see page 8

**MMD900**  
see page 8

**MMD950**  
see page 8

## SPECIFICATIONS

| MMD7NP                                             | MMD8P                                                                                                                                                | RHM650                                                                                                        | MMH800                                                                                                   | MMD900                                                                    | MMD950                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Pinless LCD Moisture Meter with Tricolor Bar Graph | Precision Multi-Species Wood Moisture Meter                                                                                                          | 10-Parameter Thermo-Hygrometer with Pin/Pinless Moisture Meter                                                | Pin/Pinless Moisture Meter with Temperature & Humidity                                                   | Pin/Pinless Deep Sensing Moisture Meter w/Remote Probe                    | Pin/Pinless Deep Sensing Moisture Meter w/Spherical Sensor                          |
| 3/4 in. (20mm)                                     | Mostly surface                                                                                                                                       | Mostly surface                                                                                                | Mostly surface for pin-type probe; 3/4 in. (20mm) for pinless sensor                                     | Mostly surface for remote pin-type probe; 2 in. (51mm) for pinless sensor | Mostly surface for pins and remote pin-type probe; 4 in. (102mm) for pinless sensor |
| N/A                                                | 0.2 in. (5mm)                                                                                                                                        | 3/8 in. (10mm)                                                                                                | 3/16 in. (5mm)                                                                                           | 3/8 in. (10mm) and 3/16 in. (5mm)                                         | 3/16 in. (5mm)                                                                      |
| ±4% of reading for wood                            | ±(3% of reading + 5 digits)                                                                                                                          | ±3% of reading                                                                                                | ±3% of reading                                                                                           | ±(3% of reading + 5 digits)                                               | ±(3% of reading + 5 digits)                                                         |
| 1%                                                 | 0%                                                                                                                                                   | 0.1%                                                                                                          | 0.1%                                                                                                     | 0.1%                                                                      | 0.1%                                                                                |
| Yes                                                | N/A                                                                                                                                                  | No                                                                                                            | Yes                                                                                                      | No                                                                        | No                                                                                  |
| Automatic                                          | Manual                                                                                                                                               | No                                                                                                            | Manual                                                                                                   | Manual and Auto                                                           | Manual and Auto                                                                     |
| Hi/Lo audible alarms, Hi/Med/Lo color bands        | Incorporates 48 moisture-resistance curves, super-bright OLED display, 99 reading memory, temperature compensation, also measures temperature and RH | Data hold, Settable audible Hi/Lo moisture alarms, Thermo-Hygrometer for measuring 7 environmental parameters | Data hold, Audible/visual Hi/Med/Lo alarms, Also measures temperature and RH for display on separate LCD | Data hold, Audible/visual moisture level alarm                            | Data hold, Audible/visual moisture level alarm                                      |
| "9V" battery                                       | Hard case, "9V" battery                                                                                                                              | Soft pouch, external probe, "9V" battery                                                                      | Hard case, "9V" battery, two pairs of extra pins                                                         | Hard case, external probe, "9V" battery, two pairs of extra pins          | Hard case, external probe, "9V" battery, two pairs of extra pins                    |

Indicates optional MIST calibration is available

CE  
RoHS

MM1E



### PIN-TYPE LED BAR GRAPH MOISTURE METER – MM1E

Ideal for use in woodworking, building construction and home inspection. Examples include:

- Checking for moisture in carpets and sub-flooring
- Checking wood, drywall and concrete before painting/wallpapering, sealing or treating
- Locating water leaks in roofs, floors and walls
- Selecting dry lumber

#### FEATURES:

- 10-LED display
- Two measurement ranges:  
7 to 15% and 16 to 35%
- Protective cap doubles as calibration checker
- Full and low battery indications
- CE and RoHS approved

#### SPECIFICATIONS:

- ♦ Low Measurement Range: 7 to 15% WME (Wood Moisture Equivalent)
- ♦ High Measurement Range: 16 to 35% WME
- ♦ Measurement Accuracy:  $\pm 1$  LED ( $\sim 1\%$ )
- ♦ Calibration Check Point: 21%  $\pm 2\%$
- ♦ Low Battery Level:  $< 7.5V$
- ♦ Current Consumption:  $< 15mA$

- ♦ Operating Temperature: 32° to 140°F (0° to 60°C)
- ♦ Dimensions: 6.5 x 2.7 x 1 in. (164 x 69 x 26mm)
- ♦ Weight: 3.2 oz. (91g) w/out battery
- ♦ Power Source: 1 "9V" battery (included)

#### INCLUDES:

- Protective Cap
- Battery
- User's Manual
- 1-Year Limited Warranty

| UPC     | NO.  |
|---------|------|
| 10188 9 | MM1E |

MMD4E



### PIN-TYPE LCD MOISTURE METER – MMD4E

Ideal for use in woodworking, building construction, home inspection, lumber selection, water-damage restoration.

#### FEATURES:

- 99.9 count LCD w/0.4 in. high digits
- Wood/building materials selection switch
- Low, Medium and High moisture tones and on-screen icons
- Data hold + auto power off + low battery indicator
- Replaceable stainless steel pins (#PIND4E)

#### SPECIFICATIONS:

- ♦ Overall Moisture Measurement Range: 5 to 50% for wood, 1.5 to 33% for building materials
- ♦ Wood Moisture Scales: 5 to 11.9% (low); 12 to 15.9% (medium); 16 to 50% (high)
- ♦ Building Materials Scales: 1.5 to 16.9% (low); 17 to 19.9% (medium); 20 to 33% (high)

- ♦ Measurement Accuracy:  $\pm 3\%$  of reading
- ♦ Measurement Resolution: 0.1%
- ♦ Low Battery Level:  $< 7.5V$
- ♦ Auto Power Off Trigger: 3 minutes of inactivity
- ♦ Current Consumption:  $< 15mA$
- ♦ Dimensions: 6.0 x 2.6 x 0.8 in. (152 x 66 x 20 mm)
- ♦ Power Source: 1 "9V" battery (included)

#### INCLUDES:

- Protective Cap
- Battery
- User's Manual
- 1-Year Limited Warranty

| UPC     | NO.                     |
|---------|-------------------------|
| 41447 7 | MMD4E                   |
| 01499 8 | PIND4E Replacement pins |

CE  
RoHS

MMD5NP



### PINLESS LCD MOISTURE METER – MMD5NP

Ideal for measuring moisture content of wood and other construction materials.

#### FEATURES:

- Non-invasive measurement technique
- Jumbo display
- Wide measurement range
- Intuitive on-screen icons: Low/Medium/High moisture content; wood/concrete mode
- Data hold
- Audible peak reading alert
- Auto Power Off
- Low and very low battery warnings

#### SPECIFICATIONS:

- ♦ Measurement Ranges: 0 to 99.9% WME (Wood Moisture Equivalent) for wood; 0 to 56.5% for building materials
- ♦ Measurement Accuracy/Resolution:  $\pm 3\%/0.1\%$
- ♦ Measuring Depth: 3/4 in. (20mm)

- ♦ Display Type/Size: 99.9 count LCD with 0.4 in. (10mm) high digits
- ♦ Auto Power Off Trigger: 3 to 4 minutes with 0% reading
- ♦ Low/Very Low Battery Warning Triggers:  $< 7.5V / < 6.5V$
- ♦ Operating Temperature: 32° to 122°F (0° to 50°C) @  $< 80\%RH$
- ♦ Dimensions: 5.75 x 2.6 x 0.75 in. (146 x 66 x 19 mm)
- ♦ Power Source: 1 "9V" battery (included)

#### INCLUDES:

- Battery
- User's manual
- 1-Year Limited Warranty

| UPC     | NO.    |
|---------|--------|
| 40142 2 | MMD5NP |



### PINLESS LCD MOISTURE METER W/TRICOLOR BAR GRAPH – MMD7NP

Ideal for measuring moisture content of wood and other construction materials.

#### FEATURES:

- Separate settings for drywall, masonry, softwood and hardwood
- 2 in. backlit LCD + 3-color LED bar graph
- Non-invasive technology with 3/4 in. maximum sensing depth
- $\pm 4\%$  accuracy on wood
- Auto calibrating
- Data hold
- Separate out-of-range alarms for wood and building materials

#### SPECIFICATIONS:

- ◆ Measurement Ranges: 0 to 53% for softwood; 0 to 35% for hardwood
- ◆ Measurement Accuracy/Resolution:  $\pm 4\%/1\%$
- ◆ Maximum Sensing Depth: 3/4 in.
- ◆ Auto Power Off (APO) Trigger: 2 minutes of inactivity
- ◆ Operating Temperature: 32° to 104°F
- ◆ Dimensions: 6.7 x 2.9 x 1.2 in.
- ◆ Weight: 5.4 oz. (152g) without battery
- ◆ Power Source: 1 “9V” battery (included)

#### INCLUDES:

- Battery
- User's Manual
- 1-Year Limited Warranty

| UPC     | NO.    |
|---------|--------|
| 01583 4 | MMD7NP |



CE  
RoHS

MMD7NP

### PRECISION MULTI-SPECIES WOOD MOISTURE METER – MMD8P

Ideal for measuring the moisture content of wood before painting, wallpapering, sealing, treating or joining.

#### FEATURES:

- Readings are species-specific, derived from industry-standard moisture-resistance curves for 48 popular species of wood
- Joystick makes species selection fast and easy
- Also measures and displays ambient temperature (in °F or °C) and RH
- Measurements can be compensated for ambient temperature, improving precision
- Super-bright yellow OLED (organic light-emitting diode) dot matrix display
- 99 record memory with manual or automatic (time-based) recording
- Multiple display options, including analog bar graph
- Measurement hold button
- Audible moisture alarm
- Pin cover doubles as calibration checker
- Replaceable pins

#### SPECIFICATIONS:

- ◆ Moisture Measurement:
  - Range: 5.3 to 40%WME (Wood Moisture Equivalent)
  - Accuracy/Resolution:  $\pm (3\% \text{ of reading} + 5 \text{ digits})/0.1\%$
- Ambient Temperature Measurement:
  - Range: 0° to 176°F (-18° to 80°C)
  - Accuracy/Resolution:  $\pm 1.8^\circ\text{F} (1^\circ\text{C})/0.1^\circ$
- RH Measurement:
  - Range: 20 to 95%RH
  - Accuracy/Resolution:  $\pm 5\% \text{ of reading}/1\%$
- Temperature Compensation Range/Resolution: 0° to 255°F (-18° to 124°C)/ 5°F
- Display Type: Yellow OLED in 128 x 64 dot matrix format
- Display Size: 1.54 in. (39mm) diagonal
- Pin Length: 0.2 in. (5mm)
- Power Source: (1) “9V” battery (included)



MMD8P

#### INCLUDES:

- Battery
- User's Manual
- 1-Year Limited Warranty

| UPC     | NO.   |
|---------|-------|
| 01638 1 | MMD8P |

### PIN-TYPE LCD MOISTURE METER W/BAR GRAPH – MMD7003

Ideal for measuring moisture content of wood, timber and concrete.

#### FEATURES:

- Two displays: Red LED bar graph and LCD display with 0.62 in. (51mm) high digits
- Optional remote probe available
- Replaceable 0.44 in. (11mm) long pins
- Min/Max memory + data hold
- Heavy-duty housing
- Low battery indicator

- ◆ Dimensions: 8.4 x 2.7 x 1.2 in. (216.5 x 68.5 x 29.7mm)
- ◆ Weight: 8.8 oz. (251g)
- ◆ Power Source: 1 “9V” battery (not included)

#### INCLUDES:

- 10 Pairs of Extra Pins
- Protective Cover
- User's Manual
- 1-Year Limited Warranty

| UPC     | NO.                                       |
|---------|-------------------------------------------|
| 07003 1 | MMD7003                                   |
| 01255 0 | MP7003 External Pin-Type Probe (optional) |

#### SPECIFICATIONS:

- ◆ Two measurement ranges: 0 to 100% for concrete and non-wood materials, 6 to 40% moisture for wood
- ◆ Measurement Accuracy/Resolution:  $\pm (5\% \text{ of reading} + \text{digits})/0.1\%$

 Indicates optional MIST calibration is available



MMD7003

## PIN/PINLESS DEEP SENSING MOISTURE METER WITH REMOTE PROBE – MMD900

Ideal for contractors, woodworkers and homeowners to find leaks and to measure the moisture content of wood and other construction materials.

### FEATURES:

- Two measurement modes: Pin (%WME) and pinless (REL)
- Pinless measuring up to 2 in. deep via sensor on back of meter
- Dual displays: Jumbo LCD and 40-LED bar graph
- Protective cover doubles as calibration checker

### SPECIFICATIONS:

- ♦ Measurement Range: 6.0 to 87.6% WME (Wood Moisture Equivalent) and 0.1 to 99 REL
- ♦ Measurement Accuracy (Pin Mode):  $\pm 3\%$  of reading +5 digits
- ♦ Pin Length/Type: 3/16 in. (5mm) stainless steel
- ♦ External Probe Cable Length: 46 in. (1.168m)

- ♦ Pinless Measuring Depth: 2 in. (50.8mm)
- ♦ Dimensions: 9 x 2.75 x 1.625 in. (229 x 70 x 41mm)
- ♦ Weight: 8 oz. (249g)
- ♦ Power Source: 1 "9V" battery (included)

### INCLUDES:

- Remote Probe • Hard Carrying Case
- Two Pairs of Extra Pins
- Battery • User's Manual
- 1-Year Limited Warranty

| UPC     | NO.                            |
|---------|--------------------------------|
| 01485 1 | MMD900                         |
| 01655 8 | MP905 Deep Wall Moisture Probe |



MMD900

## PIN/PINLESS DEEP SENSING MOISTURE METER WITH SPHERICAL SENSOR AND REMOTE PROBE – MMD950

Ideal for contractors, woodworkers and homeowners to measure the moisture content of wood and other construction materials.

### FEATURES:

- Two measurement modes: Pin and pinless
- Pin mode uses replaceable pins at end of 46 in. cable; pinless mode uses integral ball sensor with 4 in. measurement depth
- Displays % WME or relative readings simultaneously on two displays: 0 to 99.9 count jumbo LCD, and 40-dot tri-color LED bar graph
- Low battery warning
- Spare pins storage compartment

### SPECIFICATIONS:

- ♦ Measurement Range: 6.0 to 87.6% WME (Wood Moisture Equivalent) and 0.1 to 99 REL
- ♦ Measurement Accuracy (Pin Mode):  $\pm 3\%$  of reading +5 digits

- ♦ Pin Length/Type: 3/16 in. (5mm) Stainless Steel
- ♦ External Probe Cable Length: 46 in. (1.168m)
- ♦ Pinless Ball Sensor Measurement Depth: 4 in. (10.16cm)
- ♦ Dimensions: 9 x 2.75 x 1.625 in. (229 x 70 x 41mm)
- ♦ Weight (w/battery): 8 oz. (249g)
- ♦ Power Source: 1 "9V" battery

### INCLUDES:

- Remote Probe • Two Pairs of Extra Pins
- Hard Carrying Case • Battery
- User's Manual • 1-Year Limited Warranty

| UPC     | NO.                            |
|---------|--------------------------------|
| 01505 6 | MMD950                         |
| 01655 8 | MP905 Deep Wall Moisture Probe |



MMD950

## PIN/PINLESS MOISTURE METER W/ TEMPERATURE & HUMIDITY – MMH800

Ideal for locating water leaks and measuring moisture content of drywall, plastered walls, floors and subfloors. Also measures ambient temperature and humidity.

### FEATURES:

- Pin-type and non-marring inductive sensors
- Two dedicated displays: Moisture percentage, and ambient temperature plus relative humidity
- High/medium/low audible indication of moisture level
- Holds moisture level readings
- Auto diagnostic check
- Auto power off

### SPECIFICATIONS:

- ♦ Measurement Ranges: 5 to 50% moisture (wood); 1.5 to 33% moisture (building materials)
- ♦ Moisture Measurement Accuracy:  $\pm 3\%$
- ♦ Moisture Measurement Resolution: 0.1%
- ♦ Temperature Measurement Range/Accuracy: 32° to 140°F (0° to 60°C)/ $\pm 5.4^\circ\text{F}$  ( $\pm 3^\circ\text{C}$ )

- ♦ Humidity Measurement Range/Accuracy: 25 to 95%/ $\pm 5\%$  below 75%RH;  $\pm 10\%$  above 75%
- ♦ Auto Power Off: After 3 minutes of inactivity
- ♦ Dimensions: 7.13 x 2.17 x 1.57 in. (181 x 55 x 40mm)
- ♦ Weight: 4.06 oz. (115g)
- ♦ Power Source: 1 "9V" battery (included)

### INCLUDES:

- Battery • Two Pairs of Extra Pins
- User's Manual
- 1-Year Limited Warranty

| UPC     | NO.    |
|---------|--------|
| 01486 8 | MMH800 |



MMH800



# Precision & Multi-Parameter Meters

## PIN-TYPE LCD MOISTURE METER W/REMOTE PIN-TYPE PROBE – MM70D

Precision digital instrument for making accurate moisture measurements in wood and timber.

## PIN/PINLESS LCD MOISTURE METER KIT W/ REMOTE PIN TYPE PROBE AND ROLLER TYPE SENSOR – MM70D-7022KIT

Precision digital moisture meter for highly accurate readings in wood, timber and many other materials.

### FEATURES:

- 1% accuracy
- Backlit dual readout LCD
- Protective cap for safe carrying and operation
- Hardened gloss treatment on display-window for an abrasion-proof long-term clean lens
- 5.5% to 99.9% measurement range with 0 to 1 VDC output
- Stores/recalls up to 99 readings + Min/Max
- Auto temperature compensation and manual calibration
- Choose from 8 wood species groups
- 99 reading memory
- Interchangeable extension probes
- CE and RoHS approved

### SPECIFICATIONS:

- ◆ Measurement Range: 5.5 to 99.9% Wood Moisture Equivalent (WME)
- ◆ Resolution: 0.1%
- ◆ Measurement Accuracy:  $\pm 1\%$  WME
- ◆ Sampling Rate: 0.3 seconds
- ◆ Signal Output: 0 to 1 VDC (10mV/%WME)
- ◆ Power Source: 1 "9V" battery (included)

### INCLUDES:

- **MM70D** Meter with Two 0.5 in. (12.7mm) Pins
- **MP7021** External Pin-Type Probe: 39 in. (1m) Long with 0.5 in. (12.7mm) Pins
- Extra Pair of 0.9 in. (23mm) Long Pins
- Soft Pouch • Battery
- User's manual
- 1-Year Limited Warranty

### KIT INCLUDES: 1 EACH

- **MM70D** Meter with Two 0.5 in. (12.7mm) Long Pin-Type Probes
- **MP7021** External Pin-Type Probe: 39 in. (1m) Long with 0.5 in. (12.7mm) Pins
- **MP7022** External Roller-Type Probe
- Extra Pair of 0.9 in. (23mm) Long Pins
- Hard Carrying Case
- Battery
- User's Manual
- 1-Year Limited Warranty

| UPC     | NO.                                                                       |
|---------|---------------------------------------------------------------------------|
| 07010 9 | <b>MM70D</b>                                                              |
| 01292 5 | <b>MM70D-7022KIT</b>                                                      |
| 70604 6 | <b>MP7021</b> External Pin-Type Probe 39 in. (1 meter) long               |
| 07070 3 | <b>MP7022</b> External Roller-Type Probe 39 in. (1 meter) long (optional) |


**MM70D**

**MM70D-7022KIT**

**MP7022**

## 10-PARAMETER – RHMG650 13-PARAMETER – RHMG700DL (DATA LOGGING)

Ideal for water damage restoration contractors, facilities maintenance professionals and HVAC system installers/technicians.

### FEATURES

- Measures: 1. RH; 2. absolute humidity (in mg/L or g/m<sup>3</sup>); 3. GPP (mixing ratio—in grains per pound or g/kg); 4. ambient temperature; 5. dew point; 6. atmospheric pressure; 7. vapor pressure; 8. relative moisture level using pinless sensor; 9. absolute moisture level using included pin-type probe; 10. wet bulb temperature (RHMG700DL only); 11. surface temperature (requires optional "K" type thermocouple probe); 12. condensation temperature (requires optional "K" type thermocouple probe)
- Logs up to 8000 data points internally, for later download and display as Excel-formatted graph or table on Windows PC using included software, driver and USB cable (RHMG700DL only)
- Stores/recalls 20 pairs of readings
- Settable high and low alarms for RH and moisture levels
- Backlit LCD with 3-digit primary readout + 4-digit secondary readout
- Min/Max, Data Hold, and Auto Power Off

### SPECIFICATIONS

- ◆ Ambient Temperature Range/Accuracy: -20° to 167°F (-29° to 75°C)/ $\pm 3.6^\circ\text{F}$  (2°C)
- ◆ RH Measurement Range: 0 to 100%
- ◆ RH Measurement Accuracy:  $\pm 2.5\%$  from 11 to 90%;  $\pm 3\%$  below 11% and above 90%
- ◆ Absolute Humidity Range: 0-999 GPP (0 to 160g/kg)
- ◆ Atmospheric Pressure Range: 30 to 120 kPa
- ◆ Vapor Pressure Range: 0 to 20.0 kPa
- ◆ Surface Temperature Range (RHMG700DL only): 15° to 120°F (-10°C to 50°C)

### INCLUDES:

- Meter • Pin-type Moisture Probe • USB Cable and PC Interface Program and Driver (RHMG700DL only) • Sensor Protection Cap
- "9V" Battery • Soft Pouch • User's Manual
- 1-Year Limited Warranty

| UPC     | NO.              |
|---------|------------------|
| 01608 4 | <b>RHMG650</b>   |
| 01620 6 | <b>RHMG700DL</b> |


**RHMG650**  
N

**RHMG700DL**  
N

Indicates optional NIST calibration is available

CE  
RoHS

DSMM500



### PRECISION DIGITAL SOIL MOISTURE METER WITH PROBE – DSMM500

Ideal for commercial, agricultural and professional use.

#### FEATURES:

- Designed to measure moisture content of soil
- Heavy-duty probe
- Min/Max memory + data hold
- IP65 water resistance
- CE and RoHS approved

#### SPECIFICATIONS:

- ♦ Measurement Range: 0 to 50%
- ♦ Measurement Accuracy/Resolution:  $\pm(5\%$  of reading + 5 digits)/0.1%

- ♦ Sampling Time: 0.8 seconds
- ♦ Probe Length: 8 in. (203mm)
- ♦ Display Size: 1.1 x 0.75 in. (28 x 19mm)
- ♦ Operating Temperature: 32° to 122°F (0° to 50°C)@<80% RH
- ♦ Dimensions of Meter Body: 6.8 x 1.6 x 1.6 in. (172 x 40 x 40mm)
- ♦ Weight of Unit (including batteries): 9.4 oz. (267g)
- ♦ Power Source: 4 "AAA" batteries (not included)

| UPC     | NO.     |
|---------|---------|
| 01240 6 | DSMM500 |

### GENERAL-PURPOSE MOISTURE METER – MM6012

Ideal for measuring moisture content of a wide variety of materials, including wood fiber, wood products, tobacco, cotton and paper.

#### FEATURES:

- Large 4-digit LCD display
- Data hold function
- Compact, lightweight and easy to use
- Also measures ambient temperature

#### SPECIFICATIONS:

- ♦ Moisture Measurement Range: 0 to 50%
- ♦ Moisture Measurement Accuracy:  $\pm 0.5\%$  of reading
- ♦ Temperature Measurement Range: 14° to 150°F (-10° to 65°C)
- ♦ Temperature Measurement Accuracy:  $\pm 1^\circ\text{F}$  (0.8°C)
- ♦ Display Digit Height: 0.4 in. (10mm)
- ♦ Cord Length: 3.5 ft. (1.07m)
- ♦ Probe Length: 6 in. (152mm)
- ♦ Operating Temperature: 32° to 122°F (0° to 50°C)@<85% RH
- ♦ Dimensions: 7 x 2.7 x 1.5 in. (178 x 68 x 39mm)
- ♦ Weight (without batteries or probe): 6.7 oz. (190g)
- ♦ Power Source: 4 "AA" batteries (not included)

#### INCLUDES:

- Hard case
- User's manual
- 1-Year Limited Warranty

| UPC     | NO.    |
|---------|--------|
| 10195 7 | MM6012 |

MM6012



MMG608



### GRAIN MOISTURE METER – MMG608

Ideal for use in grain storage and other industrial settings.

#### FEATURES:

- Also measures temperature
- Large 4-digit LCD
- Red LED bar graph augments LCD
- Min/Max memory + data hold
- Rugged construction
- Lightweight

#### SPECIFICATIONS:

- ♦ Moisture Measurement Range: 8 to 20%
- ♦ Moisture Measurement Accuracy:  $\pm 1\%$  of reading
- ♦ Temperature Measurement Range: 14° to 131°F (-10° to 55°C)
- ♦ Temperature Measurement Accuracy:  $\pm 1^\circ\text{F}$  (0.8°C)
- ♦ Display Digit Height: 0.4 in. (10mm)

- ♦ Cord Length: 4 ft. (1.22m)
- ♦ Probe Length: 9.8 in. (290mm)
- ♦ Operating Temperature: 32° to 122°F (0° to 50°C)@<85% RH
- ♦ Dimensions: 7 x 2.7 x 1.5 in. (178 x 68 x 39mm)
- ♦ Weight (without batteries or probe): 9 oz. (280g)
- ♦ Power Source: 4 "AA" batteries (not included)

#### INCLUDES:

- Protective Hard Case
- Steel Probe with Dual 9.8 in. Needles and 4 ft. Cord
- Operating Instructions
- 1-Year Limited Warranty

| UPC     | NO.    |
|---------|--------|
| 10197 1 | MMG608 |





### 4-in-1 SOIL CONDITION METER – DSMM600

Ideal for measuring the temperature, pH and moisture content of soil and the intensity of sunlight it receives.

#### FEATURES:

- Measures soil pH, temperature and moisture
- Gauges moisture content within 5 levels and sunlight intensity within 9 levels
- Large backlit LCD
- C/F switch

#### SPECIFICATIONS:

- ◆ **pH Measurement Range:** 3.5 to 9.0
- ◆ **pH Accuracy and Resolution:**  $\pm 0.5$  units
- ◆ **Temperature Measurement Range:** 16° to 122°F (-9° to 50°C)
- ◆ **Temperature Accuracy/Resolution:**  $\pm 1.8^\circ\text{F}$  ( $1^\circ\text{C}$ )/ $1^\circ$  (F or C)
- ◆ **Moisture Ranges:**  
 <5% (Dry+), 5 to 10% (Dry), 10 to 20% (Normal),  
 20 to 30% (Wet), >30% (Wet+)
- ◆ **Light Level Ranges:**  
 <500 Lux (Low-), 500 to 5000 Lux (Low),  
 5000 to 10,000 Lux (Low+), 10,000 to 25,000 Lux (Normal-),  
 25,000 to 60,000 Lux (Normal), 60,000 to 80,000 Lux (Normal+),  
 80,000 to 100,000 Lux (High-), 100,000 to 120,000 Lux (High),  
 >120,000 Lux (High+)
- ◆ **Dimensions of Meter Body:**  
 4.8 x 2.5 x 1.4 in. (122 x 63 x 36mm)
- ◆ **Dimensions of Probe (Length x Diameter):**  
 7.9 x 0.24 in. (200 x 6mm)
- ◆ **Weight (without battery):** 2.9 oz. (81g)
- ◆ **Power Source:** 1 “9V” battery (not included)

#### INCLUDES:

- User's Manual
- 1 Year Limited Warranty



DSMM600





## **Specialty Tools & Instruments**

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