


SPECIFICATIONS AND FEATURES

- Measuring Range: Pin mode - 5% - 50% (wood); 1.5% - 33% (other building materials)
- Measuring Range: Pinless mode 0.1% – 99.9% for all materials, measuring depth to 3/4" (20 mm)
- Operating Voltage: 9V battery (included)
- Auto Power Off: 3 minutes
- Accuracy: +/- (3%+3 digits)
- Hold Switch: Freeze/hold the reading
- Measuring Test Pins: Stainless steel, replaceable
- Material measured: Wood/ timber and building material - brick, concrete, drywall, plaster
- Large, easy-to-read LCD display
- LCD features a white on black background for easy reading
- Full-time white LED backlighting for easy visibility in low light areas
- One-year warranty


OPERATION INSTRUCTIONS

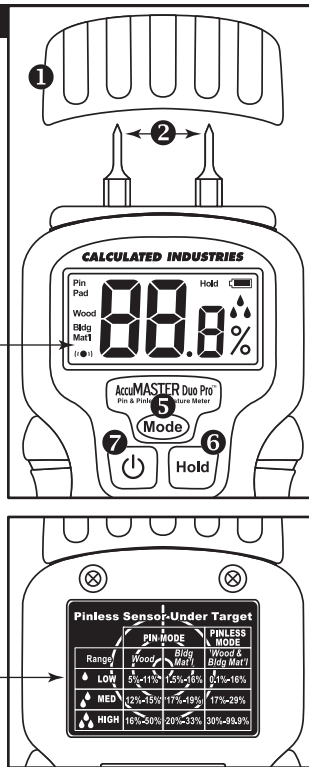
- 1 Protective cover
 - 2 Test Pins
 - 3 Sensor Pad on Back
 - 4 Full-time backlit display shows moisture content as a percentage
 - Low
 - Medium
 - High
-  Battery Status Indicator
 Pin Pin
 Pad Pad
 Wood Wood
 Bldg Building Material
 (●●) Sound

- 5 Press **Mode** button to toggle between pin, pad, wood, and building material.
- 6 Press **Hold** button to hold display. Press again to release.
- 7 Press **Power** button for 1.5-2 seconds to power on. Press again to power off. Auto-power off after 3 minutes.

Replacement pins available –
Model #7440-PINS

How to replace battery:

Replace with a 9V alkaline type battery when low battery warning  is seen on the LCD. Remove the battery cover on the back of the device and install a fresh battery.

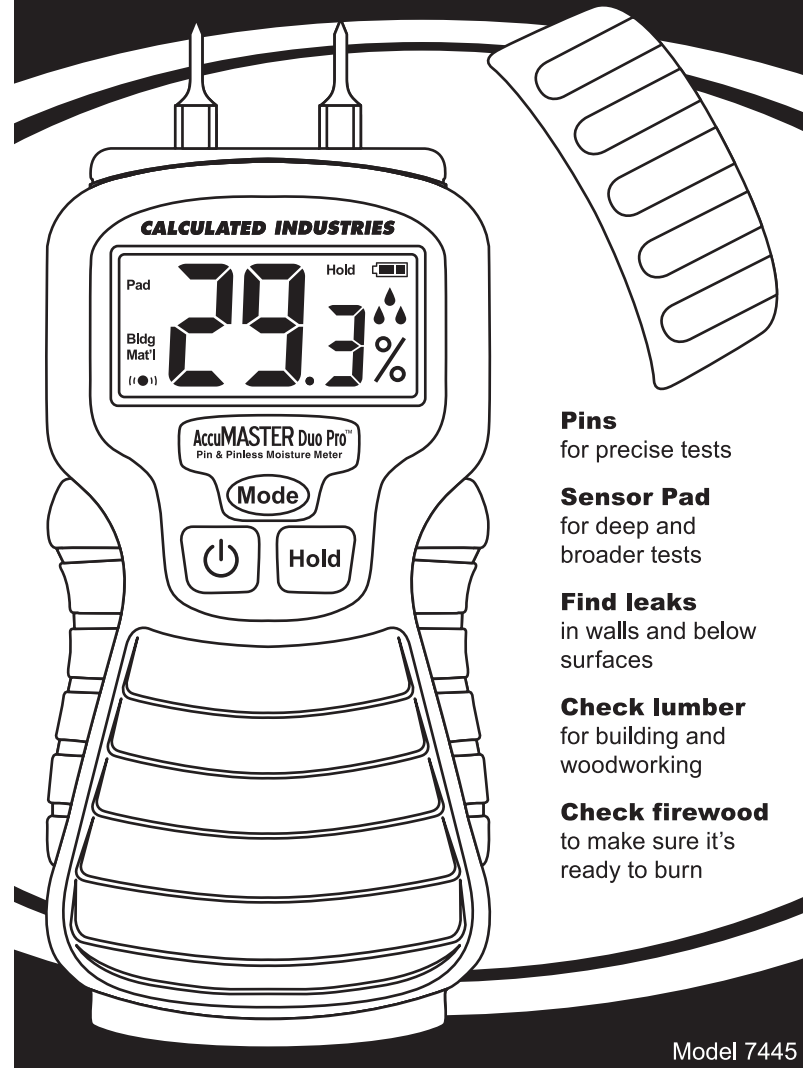


Range	PIN MODE		PINLESS MODE
	Wood	Bldg Mat'l	
LOW	5%-11%	1.5%-16%	0.1%-18%
MED	12%-20%	17%-19%	17%-29%
HIGH	10%-20%	20%-33%	30%-99.9%

AccuMASTER Duo Pro™

Pin & Pinless Moisture Meter

USER'S MANUAL



Pins
for precise tests

Sensor Pad
for deep and broader tests

Find leaks
in walls and below surfaces

Check lumber
for building and woodworking

Check firewood
to make sure it's ready to burn



CALCULATED INDUSTRIES

4840 Hytech Drive, Carson City, NV 89706 USA
www.calculated.com

Made in China
UG7445E-B

Model 7445

INTRODUCTION

Congratulations on your purchase of the **AccuMASTER Duo Pro™ Pin and Pinless Moisture Meter**. It's a tough, accurate tool for woodworkers, builders, home inspectors, flooring contractors and homeowners.

Use the **AccuMASTER Duo Pro** to find moisture before it becomes a costly problem. Easily check wood, lumber, drywall and concrete before painting, sealing or treating. Quickly find water leaks in roofs, walls and floors. With the **AccuMASTER Duo Pro** you'll always know you're selecting dry lumber when buying wood.


HOW TO USE

Caution: Handle with care when removing protective cover. The measuring pins are very sharp.



On/Off Button

Press and hold the  button to turn the unit on or off.

Mode Button

Press the  button to select between Pin Wood, Pin Building, Pad Wood and Pad Building material measurement modes. When using pins to test, remove the protective cap from the top of the meter and attach it to the bottom side carefully. Press the test pins into the material you want to measure. The Moisture Content (MC) is displayed as a percentage. The mode setting you select is retained when the meter is turned off.

Hold/Sound Button

When measuring in a dark or hard to reach place where it's difficult to see the display, press the  button once to freeze (hold) the MC reading. "Hold" will appear on LCD. Press the  switch again to release the hold.

Long press/release toggles the beeping sound on/off.

Pinless Sensor Values

Range	PIN MODE		PINLESS MODE
	Wood	Bldg Mat'l	Wood & Bldg Mat'l
LOW	5%-11%	1.5%-16%	0.1%-16%
MED	12%-15%	17%-19%	17%-29%
HIGH	16%-50%	20%-33%	30%-99.9%



Pin Wood Mode



Pin Building Material Mode



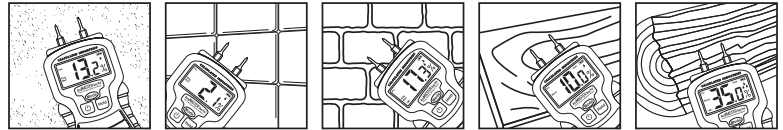
Pad Wood Mode



Pad Building Material Mode

EXAMPLES OF TYPICAL PROJECTS USING YOUR MOISTURE METER

- **Leak Detection** – Use Your **AccuMASTER Duo Pro** to find leaks in drywall, carpeting, flooring or ceilings. Find moisture early to avoid moisture-related problems like mold and rotting wood.
- **Tracing Water Leakage** – Touch the measuring pins or sensor pad to the surface such as concrete, wood, plaster, drywall or ceiling. Notice the reading on the LCD display. Take measurements at different locations. Leakage is located when the reading remains at highest value.
- **Tile** – Check floor or counter's dryness prior to installing tile.
- **Timber/Firewood** – Check the moisture content of wood.
- **Painting** – Check the dryness of walls prior to painting.
- **Furniture** – Check the dampness of wood prior to painting or varnishing.
- **Wallpaper** – Check dampness of drywalls or plaster walls prior to installing wallpaper.
- **Buying Lumber and Wood** – When purchasing lumber for building projects or woodworking, make sure your wood is dry enough to avoid shrinkage, cracking, splitting or warping.
- **Firewood** – Check to ensure wood is dry enough for fires in stoves or fireplaces.



USER TIPS

- Gently push the measuring pins into the material to be measured. Do not use excessive force. Do not hammer or forcefully push the pins into hard materials such as concrete.
- To more accurately measure moisture below the surface of hard, non-porous materials use the sensor pad.
- Readings may not be even across different locations of the same material due to changes in the density of the material.
- Always keep the measuring pins clean and replace the protective cover when not in use.