

TRIPLETT Pin/Pinless* Moisture Meters

Self-test Check Points

Pin Cover

Pins

Power Button

Mode Button

Lock/Beep
Button

Moisture Content Low/High Indicator

(This will show one, two, or three droplet icons. Refer to the legend on the back of the tester.)

Material Type Indicator
(Press the Mode Button to select your Material Type.)

Sound Indicator

(Press and hold the Lock/Beep Button for 3 seconds to turn on/off. Beep will sound faster the higher the moisture content.)

Battery Indicator

Measurement Lock

(Press the Lock/Beep Button to select. A Key icon will display when the locked is on.)

Moisture Measurement

LIMITED WARRANTY

The manufacturer warrants to the original consumer that this product is in good working order for a period of one year from the date of manufacture or the date of purchase. During this period, the product will be repaired or replaced without charge for either parts or labor. Repair or replacement as provided under this warranty is the exclusive remedy of the purchaser.

USING YOUR MS100/150

The MS100 and MS150 series Moisture Meters are designed to test both wood and building materials. The MS100 uses Dual Pins that must be inserted into the material being tested. The MS150 uses either Dual Pins, or a "Pinless" sensor which is located on the back of the tester. Be sure to read these instructions all the way through before you use your new Moisture Meter.

WARNING!!!

The Pins are extremely sharp and can cause injury. Always follow the instructions to prevent injury to yourself, others, and to the meter.

REMOVING THE PIN COVER

The Pin Cover is designed to remain in place during transport. The pins are extremely sharp since they need to penetrate wood and construction materials, so it is important that you develop a technique for removing the cover that will minimize your risk of injury. Here is what we recommend:

1. Grip the Moisture Meter firmly in the palm of your non-dominant hand, with your thumb and forefinger positioned at each side (i.e., left/right, not front/back) of the Pin Cover.
2. Brace the bottom of the tester against your abdomen/stomach.
3. While gently but firmly applying upward pressure to the side of the Pin Cover with the thumb of your non-dominant hand, with your dominant hand, use a #3 flathead screwdriver to very gently pry the bottom corner of the Pin Cover nearest to your thumb. Make sure your forefinger of your non-dominant hand remains firmly secured against the opposite side of the Pin Cover while you are doing this so the cover doesn't go flying off.

Always replace the Pin Cover when you are finished using the device.

TAKING MEASUREMENTS USING PINS

1. Power the Tester on by pressing and holding the Power Button for 3 seconds.
2. Remove the Pin Cover.
3. Select the MODE by pressing the Mode Button until the appropriate Icon appears. You will select either the Log icon for testing wood, or the Brick Wall icon for testing building materials (e.g., sheetrock).
4. Perform a Self-Test by inserting the Pins into the Pin Holes on the cover. Confirm the reading is between 17% and 19% if you have selected Wood, and 15.5% and 17.5% if you have selected Building Materials.
4. Insert the Pins into the material you are testing.
5. Press the Lock/Beep Button to freeze the reading on the screen.
6. Withdraw the tester from the material.
7. Review the reading that was captured on the screen. There is a reference chart on the back of the tester for your convenience.
8. Press the Lock/Beep Button again to unfreeze the reading and start a new test.
9. Press and hold the Power Button to shut off the Tester when you are done testing.

TAKING MEASUREMENTS USING PINLESS SENSOR

The MS150 includes a Pinless Sensor, located on the back of the unit under the sticker. Do not remove the sticker.

1. Power the Tester on by pressing and holding the Power Button for 3 seconds.
2. Select the MODE by pressing the Mode Button until the appropriate Icon appears. You will select either the BLINKING Log icon for testing wood, or the BLINKING Brick Wall icon for testing building materials (e.g., sheetrock).
4. Place the back of the tester on the material you are testing.
5. Press the Lock/Beep Button to freeze the reading on the screen.
6. Withdraw the tester from the material.
7. Review the reading that was captured on the screen. There is a reference chart on the back of the tester for your convenience.
8. Press the Lock/Beep Button again to unfreeze the reading and start a new test.
9. Press and hold the Power Button to shut off the Tester when you are done testing.

TECHNICAL SPECIFICATIONS

Pin Range	Wood: 5% to 50%; Bldg Material: 1.5% to 33%
Pinless Range	Wood: 0.1% to 99.9%; Bldg Material: (relative)
Power	Requires 9V Battery; uses <40mA maximum current.
Low Battery	Indication will show at 7.5V; Auto Power Off after 3 mins of inactivity.
Accuracy & Resolution	Pin Probe $\pm 3\%$ reading + 5 digits; Pinless is a Relative reading; 0.1%
Op & Stor Temp	-32°F to 122°F
Operating Humidity	Max 80% RH
Measurement Depth	Pinless up to 1"; Pin up to 0.3"
Dimensions & Weight	2.625" x 6.625" x 1.25", 4.2 ounces (without battery)