

Moisture Meters for Wood

These portable, battery-operated meters combine a sophisticated electronic design with durable, lightweight aluminum housing. A choice of interchangeable electrodes and pins makes the Compact and Professional flexible enough for virtually any application. The selection of electrodes includes: deep hammer type, shallow penetration and deep wall type.



Compact

Order #153-005

The **Compact** is a hand-held instrument designed to instantly and accurately measure moisture content in wood, wood by-products and building materials such as roofing, insulation, plaster and brick. Using built-in electronic probes, or optional interchangeable electrodes, the **Compact** measures moisture content, which is then indicated on a clearly calibrated analog dial. The **Compact** provides a full range of readings, from 7% to 40% moisture in wood, and 0-100 on color-coded relative scale. This pocket sized and versatile instrument offers an accurate, fast and convenient way of moisture measurement at a low cost.



Professional

Order #153-006

The **Professional** is a hand-held instrument designed to take precise measurements of moisture content in wood and wood products. Using built-in electronic probes, or optional interchangeable electrodes, the **Professional** is easy to use, extremely, giving readings from 8% to 40% in 0.1% increments over the entire measurement range. Readings are displayed on the large clear view digital LCD dial. The **Professional** offers a most practical and accurate way of ensuring that wood is at correct moisture level for its intended use, proving to be a vital tool for good quality control.

The importance of determining moisture content

The three main reasons for controlling moisture content in wood are:

- To minimize problems due to dimensional change or distortion which can be caused by moisture loss or gain by the wood or wood byproducts when in use.
- To enable efficient processing such as milling, machining, gluing, laminating, spraying and painting.
- To prevent deterioration and decay, ensuring adequate strength.

Specifications

Compact

Size: 6 1/4" x 3" x 1" (160mm x 75mm x 25mm)

Net weight: 8.8 ounces (250 grams)

Battery: one standard 9v battery (included)

Range: 7% to 42% wood moisture content

Display: Analog Meter

Professional

Size: 6 1/4" x 3" x 1" (160mm x 75mm x 25mm)

Net weight: 8.8 ounces (250 grams)

Battery: one standard 9v battery (included)

Range: 6% to 40% wood moisture content

Display: LCD with a resolution of 0.10% over entire range.



A complete selection of electrodes and accessories are available. All are interchangeable between the **Compact** and **Professional**.

* **Please contact us for pricing.**

Electrodes and Pins for use with Professional and Compact Moisture Meters

Code	Length	Type of Pin	Max Penetration
153-SPI-200	200mm (8")	Straight insulated	175mm (7.0")
153-SPI-90	90mm (3.5")	Straight insulated	72mm (2.8")
153-SPI-52	52mm (2")	Straight insulated	36mm (1.5")
153-SPI-42	42mm (1.6")	Straight insulated	25mm (1.0")
153-TP-30	30mm (1.2")	Tapered	14mm (0.5")
153-SP-25	25mm (1.0")	Straight insulated	10mm (0.4")
153-TP-20	20mm (0.7")	Tapered	7.5mm (0.3")
153-HH-14		Hand-held electrode	
153-HA-21		Hammer action electrode	