

Lignometer K

Description:

The Lignometer K is a pin meter for applications, where accuracy is expected to be at its best. The meter incorporates the most advanced measuring technology for pin moisture meters with over 150 individual wood species corrections, a wide measuring range 5-99% and built-in wood temperature corrections. The K is built sturdy to withstand harsh working environments.

Reliability, calibration accuracy and ease-of-operation are the outstanding features. Unsurpassed accuracy is guaranteed even in the critical range below 8%. In addition, the circuitry is stable in extreme ambient conditions. The calibration is checked internally and if necessary, automatically adjusted before each reading.

Advanced Multi-Purpose Moisture Meter:

The meter is set to check wood, bamboo and gypsum (sheetrock) with % scales. Other building materials can be checked with reference scales tailored to the products to be measured: wood composites, laminated panels, vinyl, textile, lightweight building materials and heavy building materials such as concrete, tile, stone, etc...

It is the right meter for **quality control** when drying lumber, for furniture and cabinet manufacturing and for flooring applications. The meter can correct for different wood temperatures, if working with hot and cold lumber. Ideal for in-kiln readings with PK Probes and Cables.

It is the right meter to **evaluate moisture conditions** in buildings during inspections and restoration projects. Small changes in moisture can be picked-up by this sensitive meter. That makes it easy to accurately pin point questionable areas, where too much moisture has been absorbed.

A meter you can trust, when measuring moisture in wood and non-wood materials.

Features:

- Large LCD display
- Durable rugged design and easy operation
- Built-in wood species corrections including Bamboo
- Built-in wood temperature corrections
- 3 reference scales for building materials
- 3 scales for drywall, water resistant, exterior and interior wall panels.
- Hold function and automatic shut off
- Temperature stable circuitry with built-in calibration check.
- 2 year warranty for Lignometer K (except battery)
- 1 year warranty for accessories (except pins)

Specifications for Pin Mode:

Size: 4.75"L X 2.5"W X 1"H, 12 x 6 x 2.5 cm, 1 9-V battery included

Wood Species Settings: 150 individual settings for wood species, bamboo (strand, ...)

Sheetrock Settings: 3 percent scales for:

- ultra-light wall board
- water-resistant wall board
- exterior / interior glass mat wall board

Reference Scales: 3 scales

- for panels made out of wood and laminated products, textile, etc
- for light-weight building materials other than drywall and gypsum
- for concrete and similar building materials, brick, stone, tile, etc.

Measuring Range: Wood: 5-99% dependent upon wood species setting

Gypsum: 0-7.5%

Reference scales: 0-99

Resolution: 0.1 for entire range

Wood Temperature Settings: 0°-210°F (-20°-90°C)



Features to guarantee accuracy:

- Wide measuring range
- Individual wood species and
- wood temperature corrections



The right meter for demanding jobs.
The slide-hammer electrode E12 allows for reliable quality control down to the core of each board.



The inspector electrode E14-V allows exact evaluation of moisture infiltration. In corners, around pipes, behind insulation. Pins are available up to 7" long.



Specifications are subject to change without notice.

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Packages

The Lignometer K does not come with built-in pins. For on-the-spot measurements we offer 3 standard electrodes with an assortment of pins. For remote measurements in lumber dry kilns, we offer in-kiln cables and probes, switchboxes, etc.

Package K2-M: Includes meter, slide-hammer electrode, 2 pair pins (1 pr DA 1.5" and 1 pr DZ 1"), cable and case. Best quality control is accomplished by taking consecutive readings with the teflon-coated pins. As the electrode pins are hammered towards the core, any moisture gradient within the board becomes obvious.

Package K4-S: Includes meter, inspector electrode / cable and EG insulated 3/4" pins and a case. The E14-v electrode was designed for construction, restoration and maintenance to easily measure hard-to-reach areas in the building envelope.

In addition, the Electrode E14-V can be used to hammer pins into hard materials such as strand bamboo even concrete. The electrode allows hammering on top to penetrate these hard surfaces.

Package K6-S: Includes meter, electrode E16, 1 pair EC pins, cable and case. E16 is usefull to measure hard materials, because it is easier to insert the single posts.

Package KPP-M: includes all 3 electrodes E12, E14, E16, meter, cables amd case

In-Kiln Monitors

For in-kiln applications we offer accessories from a one-cable in-kiln monitor to a stand-alone wireless monitoring system for multiple kilns. Give us a call to find the right set-up for your kiln operation:

800-227-2105

You can count on our expertise when calling. We have sold and provided service for thousands of kiln control systems with in-kiln monitors. We offer wireless and wire-bound measurements for all kilns from solar to large industrial dry kilns.



Quality Control with E12 slide-hammer electrode, pins up to 2" deep.
Package: K2-M



Package: K4-S:
Ideal package for the building industry, new construction, restoration and maintenance with the handprobe to reach corners, walls, floors, roofs (pins up to 7" long optional).



Package K-6S with Lignometer K with multiple settings for wood and building materials.
Electrode E16 for measuring soft and hard building materials, incl. concrete.



This is the right meter for your kiln operation. Corrects for different wood species and wood temperature. Accessories are available for one-cable to complete kiln monitor, switch box and all.



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