

Package K4-S

Applications

The K4-S package is designed for inspection, construction, restoration and water damage repair jobs. Pin technology is the best option when deep measurements are necessary in floors, wall, ceilings, roofs, sidings, attics or crawl spaces. Add EL pins for measuring up to 7" deep.

Advantages

The Lignometer K is Lignomat's most advanced pin meter with the widest moisture range and most individual correction settings for domestic and tropical wood species, OSB, panel product, drywall and reference scales for laminates, carpets, concrete and other moisture sensitive materials.

The **electrode E14-V** is designed for tracking moisture problems. The slim E14-V has the ability to measure hard-to-reach areas, such as corners, under base boards, around window frames. **Add 7" EL pins** for depth measurements. The handle of the E14 can be extended to reach ceilings without a ladder and carpets without crouching.

The electrode E14-V with EG pins is strong enough to be hammered into hard materials, when the meter pins cannot be pushed into the material by hand (hard wood, bamboo, panel products, wall boards...).

Description

The K4-S package is used to detect moisture problems in buildings. That can be a tricky job, because moisture can be close to the surface or hiding behind structural components and traveling, wherever it finds a path. The versatile electrode E14-V is specifically designed for reaching these trouble spots.

The **Lignometer K** incorporates reliability, calibration accuracy and ease-of-operation with individual wood species corrections, a wide measuring range 5-99% and built-in wood temperature corrections. Unsurpassed accuracy is guaranteed even in the critical range below 8%. The Lignometer K has proven to perform well in rough mill environments with day-to-day usage. A BNC connector is installed for pin electrodes, remote measuring cables as well as in-kiln cables (with Adapter H).

Inspector Electrode E14-V can be used for measuring moisture on all surfaces up to 3/4" deep. In addition, the slim shape allows for checking places which cannot be reached with other electrodes; around pipes, below window sills, into corners, through roof coverings. Adding the **7" long EL pins** lets you reach through wall covers and insulation or under baseboards into structural components. Great for EIFS inspections. EG and EL pins are teflon-coated and measure only at the tip. Dry material can be measured behind a wet surface.

The knob at the end of the handle can be removed and replaced by a paint brush handle or broom stick. Using the paint brush handle allows to extend the reach. You can stay a safe distance from mold infested areas and still be able to get reliable measurements. Extending the handle with a broom stick makes measuring carpets and carpet padding easy without crouching down. Ceilings can be checked for moisture leakage without a ladder.

Hard Materials: Electrode E14-V and pins EG are sturdy to allow hard pounding to insert the pins into hard materials. Works for strand bamboo as well as hard and cementitious panel products.



Lignometer K and Electrode E14-V are used to easily find and measure moisture trouble spots: Restoration, inspection, maintenance, construction and wood flooring.



For all areas in the building envelope where other electrodes cannot reach. Detect moisture where it hides!



Inspector Electrode E14-V is designed to measure moisture problem areas even if the areas are hard to reach, corners, around pipes, etc. For other applications, the E14-V is tough enough to hammer pins into hard materials.

Meter Specifications

Size: 4.75"L X 2.5"W X 1"H

Measuring Range:

- Wood: 5-99% (pin)
- Gypsum, Sheetrock, Wall Boards: 0-7%
- Reference Scale: 0-99

Display: Resolution: 0.1% for all values

Species Corrections

over 170 settings to correct for:

- domestic and tropical wood species
 - bamboos, vertical, horizontal and strand
 - OSB and wood-based panel products
 - gypsum, drywall, wall boards interior, exterior, and water resistant (%)
- 3 Reference Scale for building materials including concrete

Operation: Working with the Ligno-VersaTec is simple with clearly marked push buttons. Meter fits comfortable in your hand for pin and pinless readings.

Functions:

Push SET repeatedly to dial settings for species and wood temperature.
Change settings with up and down keys.
Push READ to obtain moisture measurements.
Instrument stays on for 3 minutes, then turns itself off.

HOLD function is available for measuring in places, where the display cannot be seen or when taking photos of the display.

Display shows moisture percentage, wood species, wood temperature.

Electrode E14-V Specifications

Weight 5 oz. Length without pins 7".

The electrode E14-V comes with a cable to connect to the Ligno-VersaTec.

E14 pins are teflon coated to only measure at the tip and come in two options:

- EG Pins insulated, measuring depth 3/4"
- EL Pins insulated, measuring depth 7"

1 pair EG pins is included with the electrode E14-V. EL pins are not included.

Package Includes

1 Lignometer K with 9V battery, laminated wood group card, instruction manual and built in BNC connector for external electrodes including E14-V, in-kiln probes or monitoring cables (with Adapter H)

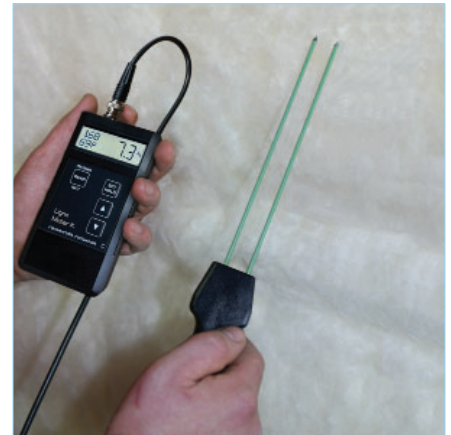
1 Inspector electrode E14-V with cable for Ligno-VersaTec and EG pins teflon-coated

1 Case S



Large display indicates moisture value, wood species and wood temperature settings.

User-friendly, accurate, reliable, sturdy.



Adding the EL Pins allows reaching through insulation to measure structural components.

EL Pins are 7" long, teflon-coated.



Selection of Pins for E14-V:
teflon-coated EG 3/4" and EL 7"