

Package V4-S

Applications

The V-4S package is designed for inspection, construction, restoration, building maintenance and water damage repair jobs. For anyone who needs to investigate moisture conditions in floors, wall, ceilings, roofs, sidings, attics or crawl spaces.

Advantages

Pin – pinless – RH: When every job is different, the Ligno-VersaTec is the most versatile meter all-in-one, with the widest moisture range and individual correction settings in pin and pinless mode 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.

Add RH/T probe for measuring ambient conditions. See below “Choose an option”.
Add in-situ RH accessories for measuring concrete moisture (ASTM F2170).

Description

The V4-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 **Ligno-VersaTec** meter combines the accurate, dependable measuring technologies of Lignomat’s pin, pinless (dual-depth) and RH meters. Everybody needing a versatile, accurate meter will appreciate the multiple functions and the reliability of the VersaTec. A wide moisture range and more than 170 correction settings for measuring domestic and tropical wood species, OSB and other panel products, bamboo, gypsum and different types of wall boards. Relative scales are included for concrete, cementitious materials, plastics, insulation...

The pinless mode in the Ligno-VersaTec allows for fast and easy scanning of flat surfaces 1/4” and 3/4” deep. Percent values are indicated for all wood species, OSB and other panel products, bamboo and drywall. Relative scales are for all other materials including concrete.

Pinless measurements are not possible, if the material is not flat, measurements should reach deeper than 3/4” or you need to find differences between surface and core moisture. Those tasks can be accomplished with the E14-V electrode.

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.



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



For all areas in the building envelope where meter cannot reach or the display cannot be read. Detect moisture where it hides!



Pinless mode: fast and easy moisture checking of lumber and flat boards. Domestic and tropical woods, wood floors, engineered products, bamboo.

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, wood temperature and measuring depth. Change settings with up and down keys.

Push READ to obtain moisture measurements.

Instrument stays on for 3 minutes, then turns itself off.

At any time you can change from pin mode to scan mode by depressing up or down button. When the RH BluePeg is connected, the meter automatically switches to RH mode. No further set-up is necessary.

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 (only pin) and depth settings (only pinless).

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 in the package. EL pins are not included.

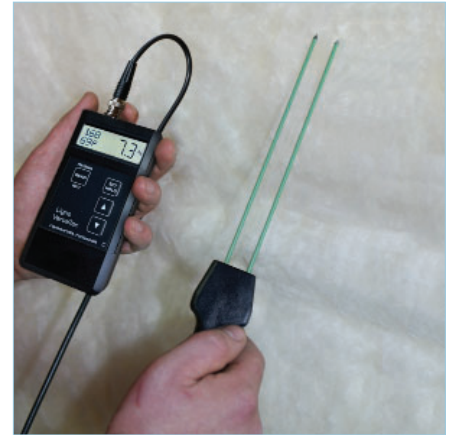
Package Includes

1 Ligno-VersaTec meter with 9V battery, laminated wood group card, instruction manual and built in BNC connector for external electrodes including E14-V and 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



Inspector Electrode E14-V is designed to reach where moisture hides. E14-V is tough enough to hammer pins into hard materials.



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:
coated EG 3/4" and EL 7"