

# Package V-1

## Applications

For monitoring water remediation jobs and checking for leaks and moisture infiltration in the building envelope after water damage.

Cables can be installed during water damage repair in areas, which are later-on covered and not reachable for measurements any longer. Add EL pins to measure to 7" deep.

## Advantages

Pin – pinless – RH: When every job is different, the Ligno-VersaTec is the most versatile meter, all-in-one. It measures moisture in a wide range of materials and in relative humidity of air (with RH BluePeg probe). System also complies to ASTM F2170 for in-situ RH concrete testing.

Too much moisture, undetected for a prolonged time can have bad consequences for the building structure. Detection is the first step in prevention. This simple cable system can help you detect water infiltration in inaccessible areas early. Install the cable when the repairs are under way, then you can connect the cables periodically to make sure a leak is not happening again.

## Description

The cable/pin system allows monitoring for moisture changes in hard-to-reach, inaccessible areas, during drying-out after water damage and long-term leak surveillance.

Cables and pins work well for monitoring inaccessible areas and making sure a leak is not happening again.

Water infiltration through a leaking roof, improperly installed windows, broken pipes often has bad consequences. Dry rot develops and structural components disintegrate.

Once a problem has been detected and repairs are done, you want to make sure that the leak does not happen again. Leak surveillance is easily done by installing screws (option: EG or EL teflon-coated pins) and a cable at the trouble spot before closing up the area. Leave the open cable-ends to be reached easily. Now, measurements can be taken periodically to watch for changes in moisture content. Cables and pins can already be installed to monitor the drying-out process and then left in place for long-term monitoring.

## Ligno-VersaTec

The Ligno-VersaTec combines the accurate and dependable buffermeasuring 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 Ligno-VersaTec. The Ligno-VersaTec includes over 125 different calibrations for testing a variety of domestic and tropical wood species and bamboo.

With the Ligno-VersaTec you can choose the right measuring mode and the right accessories for the job on hand for fast estimates or accurate percent measurements.

It could be tracking moisture problems with a pin electrode or measuring humidity in a crawl space. Floor installers can check cupped floors with the dual-depth pinless mode. Pinless Search and Compare Mode can track moisture in walls, ceilings and floors. Lumber mills use the meter to make sure QC requirements are followed.



Detection is the first step in Prevention. Cable/pin system allows checking for moisture accumulations in closed-up, unreachable areas.



Install cables and pins in moisture critical areas. Measure periodically to check, if moisture problems are back.



**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%
- Gypsum, Sheetrock, Wall Boards: 0-22%
- Reference Scale: 0-99

Display: Resolution: 0.1% below 10% and 1% steps above 10%, life-time warranty

Calibrated for a wood temp of 70°F (20°C).

A correction table for different wood temperatures is listed in the manual.

## Species Corrections

over 125 settings to correct for:

- domestic and tropical wood species
- bamboos, vertical, horizontal and strand
- laminates and wood-based panel products

4 Scales for gypsum, drywall, wall boards (%)

1 Reference Scale for building materials, for identification of moisture levels in Search and Compare Mode

## Package Includes

1 ligno-versatec meter

1 9V battery

1 laminated wood group card and 1 instruction manual

Built in connector for an assortment of external electrodes and in-kiln probes

1 pair stainless steel screws

1 LP-H cable

1 adapter H

1 case M

## Optional Add-Ons

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



Stainless steel screws are used as probes for in-kiln monitoring



Optional EG, EL Pins can be ordered for deeper measurements.