

# Package V-KS

## Applications

The V-KS package is designed for inspection, construction, restoration and water damage repair jobs. Pinless mode is the best option for search and compare to detect problems 1/4" or 3/4" deep. Lignomats RH BluePeg system is designed to measure moisture in concrete complying with ASTM standard F2170.

## 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.

## Description

The V-KS package offers three measuring technologies to detect high moisture levels within the building envelope, including the concrete slab in preparation for installing resilient floor coverings.

### In-situ probe testing of concrete:

The V-KS package contains accessories needed for RH testing: 1 RH Bluepeg probe, 10 sleeves with caps, 1 RH-CC cable and 1 brush (drill bit is not included). Design of equipment and test procedure are governed by the ASTM standard F2170. Lignomat's RH BluePeg system complies with the latest F2170 standard.

After drilling, cleaning and setting the sleeve, the RH BluePeg probe easily drops into the sleeve. The cap fits perfectly and is as flat as can be. The cable connection is provided by a simple, fail-proof 3.5mm stereo plug. No pin alignment of the cable needs to be fitted and no set-up of the meter is necessary. The meter switches into RH mode as soon as an RH cable is connected. Plug in and read, that's what our customers like.

The display shows the measured value and the RH Probe number. The RH probe number is an individual number 1-999 to allow keeping track of probe location during testing, measurements and performance.

### Thermo-Hygrometer

To activate the RH thermo-hygrometer mode, plug the RH Adapter into the RH BluePeg probe, next the RH Adapter can be plugged into the stereo connector at the top of the meter. Instead of using the Adapter RH, the 6 ft RH-CC cable included in the package can be used for remote measurements (any stereo cable could be used).

As soon as the connection is established, the Ligno-VersaTec is in RH mode. When the READ button is depressed, the meter immediately indicates the relative humidity. The up or down keys allow recalling the values for ambient Temperature, Dew Point Temperature and Grains Per Pound.



Multi-function meter with RH accessories for in-situ concrete testing.



RH BluePeg converts meter to precision thermo-hygrometer. For relation between moisture and humidity, see EMC chart.



RH-CC Cable extends connection of BluePeg probe to meter for in-situ concrete testing. Red Cap is used to specify which sleeve holds a BluePeg Probe.

## 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.

## 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

## Specifications RH BluePeg:

RH: +/-1.8% (10-90%), +/-3% below 10%, above 90%

T: +/- 0.5°F (32-120°F) , +/- 1°F (5-32°F and 120-160°F) Response time 8 sec.

Resolution for RH and T: 0.1% and 0.1°.

## 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 RH BluePeg probe
- 1 RH adapter
- 10 standard sleeves
- 1 RH-CC cable
- 1 RH-Brush
- 1 case S



RH BluePeg Probe and sleeve used for in-situ concrete moisture testing.



RH accessories include:

- BluePeg Probe
- RH Cable, Adapter
- RH Sleeves



RH BluePeg system gives accurate and reliable measurements for concrete moisture levels.