

Package V-10

Applications

Package V-10 allows instant measurements scan-by-scan with the **pinless** mode of the Ligno-VersaTec and monitoring of remote, hard to reach areas with **extension cables**. This works for short and long-term monitoring, during repairs and afterwards for leak surveillance. Too much moisture, undetected for a prolonged time can cause severe damage inside a building. Detection is the first step in prevention.

Advantages

The versatile, accurate Ligno-VersaTec incorporates multiple functions and delivers absolute reliability for many years of usage.

It is your best choice for a **pin – pinless – RH combination meter**.

Extension cables allow monitoring areas which could be otherwise hard to reach or inaccessible. Once cables/pins are installed, measurement can be taken at any time to check progress in drying after water damage or to check if a problem re-occurs later-on. Add EL pins to reach up to 7" deep.

Description

The cable/pin system consists of moisture meter Ligno-VersaTec for anywhere, anytime measurements and cables for remote monitoring.

Moisture Meter: The **pinless mode** in the Ligno-VersaTec is set to measure 1/4" and 3/4" deep, using separate sets of calibrations for each measuring depth. Pinless mode in the VersaTec allows fast and easy measurements of flat materials up to 3/4" deep. If the material is not flat, or measurements should reach deeper and differences between surface and core moisture have to be measured, the Electrode E12 or E14-V can be added to accomplish those tasks.

Extension Cables: Leaky roofs, wet crawl spaces, faulty installed windows, broken pipes, a cracked waterline behind a refrigerator can be a cause for moisture problems. Unnoticed moisture infiltration can have severe consequences, floors are ruined, dry rot develops and structural components disintegrate. Monitoring can also be used to track the drying-out process after water damage has occurred.

System works well for short and long-term monitoring in buildings. Using extension cables has the advantage, that areas can be monitored, which are totally inaccessible after the walls are closed up. Measurements are obtained quickly by connecting the open cable end to the meter.

Monitoring: Measurements taken periodically from the same spot at the same depth will produce a series of truly comparable moisture percentages. The values show, if the drying-out process is proceeding as expected or if a new problem is occurring.

Pins (screws) are installed in the trouble spot and connected to a LP-mini cable. When using screws the meter indicates the highest moisture value in the measured area between the screws. That could be at the surface or at the depth the screws have been set, because un-coated screws measure the wettest spot. Teflon-coated pins only measure at the tip, they will indicate a dry inside even if the surface is wet. Assortment of pins and cables.

Cables should be ordered long enough to keep the open cable-end in an easily accessible area, standard length is 3ft. Upon request longer cables are available.

Measurements are taken by plugging the open cable-end into the meter. If cables are already installed to monitor the drying-out process, they could be left in place for long-term monitoring.



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



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



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

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 scales 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: Pin and Pinless:

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).

Pins and Cables

An assortment of pins is available:

- off-the-shelf, stainless steel screws 1/2"
 - EG pins, teflon-coated 3/4"
 - EL pins, teflon-coated 7", upon request EL pins can be shortened
- Hardware to connect screws/pins to LP-mini cables is included

The LP-H cable connects the meter to all pins listed above. The cables in the V-10 package have a standard length of 3 ft. Cables come with loops for pins and 4mm plugs to connect to Adapter H and Ligno-VersaTec. Cables can be ordered in sets of 1, 3, 5. Longer cables are available upon request.

Package Includes

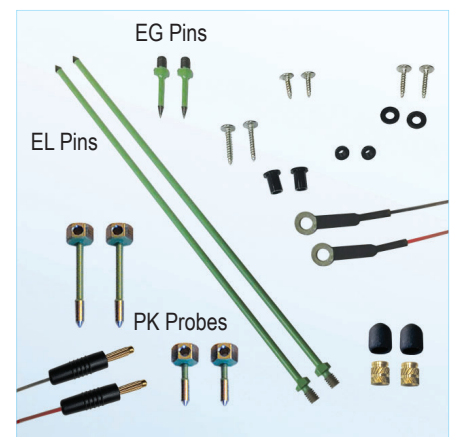
- 1 Ligno-VersaTec meter with pin mode, pin and RH connectors with 1 9V battery
- 1 laminated wood group card and 1 instruction manual
- 1 Adapter H to connect cables to BNC connection on Ligno-VersaTec
- 1 pair stainless steel screws
- 1 LP-H cable
- 1 case M

For data logging moisture and humidity measurements automatically, we offer the

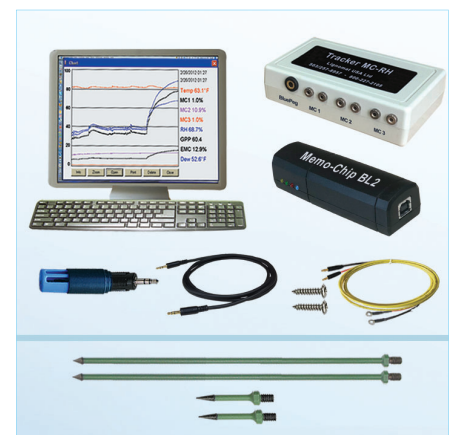
- MC Tracker BL2 data logger
- Wireless recording system
- BL2 data logger for relative humidity, temperature, dew point temperature, GPP and EMC



Ligno-VersaTec has a true percent scale for drywall and reference scales to evaluate moisture conditions in other building materials.



Optional EG, EL Pins teflon-coated can be ordered for deeper measurements. EL pins can be shortened to any length between 7" and 1/2".



Data loggers make recording measurements easy.