

# Package S4-P

## Applications

For inspection, construction, restoration and building maintenance. For checking hardwood floors, sub floors, bamboo and panel products.

Package S-4P will assist you when tracking moisture infiltration in floors, walls, ceilings and roofs. Add EL pins for measuring up to 7" deep.

## Advantages

The S/DC moisture meter has a wide moisture range and multiple calibrations for domestic and tropical wood species (great for hardwood floors) and percentage scales for different types of drywall and a reference scale for other building materials.

The slim Electrode E14-m is designed to measure hard-to-reach corners, under base boards, around window frames. Handle is extendable to reach ceilings and floors easily. Teflon-coated pins measure moisture at different depth levels even behind a wet surface.

The electrode E14-m 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 S4-P package is used to detect moisture problems in buildings. That can be a tricky job, because moisture hides behind structural components and travels, wherever it finds a path. It is often impossible to reach these trouble spots with the integral pins of a handheld meter. An external electrode is required. The multi-purpose electrode E14-m is specifically designed for that purpose.

The E14-m is also used for woodworking and flooring, especially for measuring materials too hard for the meter pins to be pushed in by hand.

The electrode E14-m with EG pins: The slim shape allows for checking around pipes, below window sills, in wall corners, places where round electrodes or built-in pins from moisture meters cannot reach. With the E14 you can truly track moisture wherever it hides. Adding the 7" long EL pins lets you reach through insulation or under baseboards into structural components. Great for EIFS inspections.

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 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.

Another benefit of using the external electrode E14-m is that you can keep the meter in your hand and the display is always close-by. Measuring ceilings, walls or floors with the meter itself can make it impossible to see the display.

## mini-Ligno S/DC

The functionally designed mini-Ligno S/DC fits comfortably in your hand when measuring and is small enough to carry in a shirt-pocket. The green cap covers the pins during transportation and serves as a handle when pushing the pins into the wood. This unique design allows pushing behind the entire meter to insert the tapered pins easily. Longer pins are stored inside the meter for measuring thicker material. The short pins are ideal for surface or end cut readings and for veneer.

For measurements, push the pins into wood. The unique on-off switch between the pins, turns meter on automatically and bright LED lights instantly indicate moisture percentage.



mini-Ligno S/DC and Electrode E14-m 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 the meter pins cannot reach or the display cannot be read. Detect moisture where it hides!



Bright LED display for optimum visibility. Display has a life-time warranty. Quality, performance and price have made mini-Lignos very popular.

## Meter Specifications

Size: 5.5"L X 2.75"W X 1"H

Measuring Range:

- Wood: 6-45%
- Gypsum, Sheetrock, Wall Boards: 0-7.5%
- 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

- 2 settings for wood species corrections: hardwoods, softwoods and panel products
- 3 Settings for gypsum, drywall and wall boards (water resistant, exterior, interior)
- A reference scale 0-99 for non-wood building materials: concrete, plaster, tile, insulation

## Electrode E14-m Specifications

Weight 5 oz. Length without pins 7".

The electrode E14-m can be connected to the

- mini-Ligno DX/C
- **mini-Ligno S/DC**
- mini-Ligno MD/C

The Electrode E14-m comes with a cable with a slit end and 2mm plugs to fit the **mini-Ligno C's**.

**E14-m** pins come teflon coated or uncoated depending on the measuring depth. Teflon coated pins only measure at the tip.

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

## Package Includes

- 1 mini-Ligno S/DC meter with wrist strap in carrying pouch with belt loop, 1 9V battery
- 1 laminated wood group card and 1 instruction manual
- 2 pair pins: 1 pair of 3/16" and 1 pair of 7/16" measuring depth (5mm, 10mm)
- Built in connector for an assortment of external electrodes and in-kiln probes
- 1 inspector electrode E14-m
- 1 pair EG Pins, 3/4" measuring depth (19mm)
- 1 case M



Inspector Electrode E14-m is designed to reach where moisture hides. E14-m 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-m:  
coated EG 3/4" and EL 7"