

Package S2-M

Applications

When moisture beyond the surface need to be tracked. For wood, wood-based panels and soft building materials in flooring, inspection, construction, maintenance and restoration applications. For water damage repair, dry materials can be measured behind a wet surface to find out how deep into the structure moisture has been absorbed.

Used when the integral pins of the mini-Ligno S/DC are not reaching deep enough to diagnose the full extend of a moisture problem: To determine the depth of moisture infiltration in roofs, attics, crawl spaces, etc. To reach sub floors without removing floor planks and to measure structural lumber behind drywall.

Advantages

The mini-Ligno S/DC is the perfect meter for construction, maintenance and restoration professional. A measuring range of 6%-45% covers all applications from woodfloors to home construction and home restoration. Adding the Electrode E12 allows accurate measurements up to 2" deep with insulated pins.

The mini-Ligno S/DC moisture meter comes with calibrations for soft wood, hard wood and panel products, gypsum, drywall, wall boards and reference scales for other building materials including concrete.

E12 pins are **teflon-coated to only measure at the tip**. This is important to determine if a moisture gradient exists from a dry surface towards to wet core, but it is equally important to be able to measure through a wet surface to determine how far moisture has been absorbed and at what depth the material stayed dry.

Description

Undetected moisture can cause problems in woodworking and flooring as well as in moisture sensitive building materials. A moisture meter with slide hammer electrode is the best tool to measure accurate moisture levels to a depth of 2". The S/DC with E12 can be used for wood, drywall and other soft building materials.

As the pins are hammered into the material, consecutive readings show if the material is dry throughout the core. The meter with E12 gives accurate measurements at a defined level. Taking numerous readings indicate if a moisture gradient exists. The thicker the material, the more important depth measurements become. In addition, pin insertion is easier with the slide hammer especially when measuring hard wood.

When assessing water damage, the pins of the E12 can be driven to different depth levels and thus indicate how far water has been absorbed or if there is still residual moisture inside the structure after drying. Insulated pins can measure dry material behind a wet surface.

The ability to measure a moisture gradient is one of the main reasons our customers still prefer pin over pinless meters.

mini-Ligno S/DC

The S/DC comes with **2 wood groups** for measuring hardwoods, softwoods and panel products.

For restoration, construction, home inspection: **4 additional calibration settings** are available for different types of wall boards and gypsum plus a reference scale for concrete and other building materials. The measuring range is wide enough to measure dry and wet materials to pinpoint problem areas in the building envelope.

If a lot of different wood species need to be measured, choose the mini-Ligno DX/C with 42 settings to correct for different wood species.



Pin meter mini-Ligno S/DC with Electrode E12 for depth measurements. Moisture control from drying to finishing assures quality wood products.



In-depth measurements allow measuring floor planks and sub floor without removing the floor planks. Used when installing, inspecting and repairing wood floors.



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)
- 1 reference scale 0-99 for non-wood building materials: concrete, plaster, tile, insulation

Electrode E12 Specifications

Weight 3.5 lbs. Length without pins 12".

The electrode E12 can be connected to

- Ligno-Versatec
- Lignometer K
- mini-Ligno DX/C
- **mini-Ligno S/DC**
- mini-Ligno MD/C

A cable connector (BNC) is mounted at the head of the electrode.

For **mini-Ligno C's**: mini-BNC Cable

E12 pins are teflon coated to only measure at the tip and come in three options:

- DZ Pins insulated, measuring depth 1"
- DA Pins insulated, measuring depth 1.5"
- DB Pins insulated, measuring depth 2"

DB Pins are not included in the package and must be ordered separately.

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 monitor cables

1 mini-BNC Cable

1 slide-hammer electrode E12

2 pair pins: 1 pair 1" DA pins and 1 pair 1.5" DZ pins

1 Case M

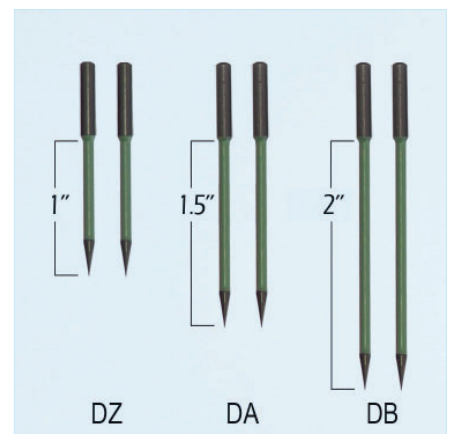


Electrode E12 measures up to 2" deep with insulated pins.

Quality control at its best.



As pins are hammered toward the core, readings show moisture distribution within a board, indicate even or uneven drying.



Pins for E12: DZ, DA, pins can only be used with the Electrode E12.

Insulated pins measure only at the tip