

Package D2-M

Applications

Used for moisture control throughout the manufacturing process, from drying lumber to checking the finished wood product. Floor installers and inspectors use the mini-Ligno DX/C with depth electrode to measure wood floors and subfloors without removing any floor planks. In the restoration industry structural elements can be measured behind wall coverings.

Used when the integral pins of the mini-Ligno DX/C are not reaching deep enough. In addition, pin insertion is easier with the slide hammer, than pushing the meter pins into wood, especially when measuring hard material.

Advantages

The **mini-Ligno DX/C** is the most advanced mini-Ligno moisture meter with a wide measuring range and correction settings for domestic and tropical wood species, bamboo, drywall and building materials.

Adding the **Electrode E12** with insulated pins allows accurate measurements at a defined depth from surface to 2" deep.

Description

Undetected high, low or uneven moisture is most of the time the cause for moisture problems in wood and other materials. The electrode E12 allows measuring the moisture gradient between surface and core. True moisture levels can be detected up to 2" deep, even behind wet surfaces.

mini-Ligno DX/C

The DX/C comes with **42 different calibration settings** for testing a variety of domestic and tropical wood species, bamboo and panel products. A great meter for the hardwood floor installer who comes across many different species of wood, subfloors and bamboo. We continuously add new species and engineered products to the wood group list to give you an up-to-date meter.

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.

Electrode E12

Wood applications: As the pins are hammered into the wood, consecutive readings show if wood is dry throughout the core. The E12 is a tool to give accurate measurements at a defined level. Taking numerous readings indicate if a moisture gradient exists. The thicker the wood, the more important core readings become. At least 1/3rd of the board thickness should be penetrated to reach the core. In addition: Pin insertion is easier with the slide hammer especially when measuring hard wood.

Flooring installers and inspectors use the E12 to measure floors and subfloors.

Restoration applications: 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.

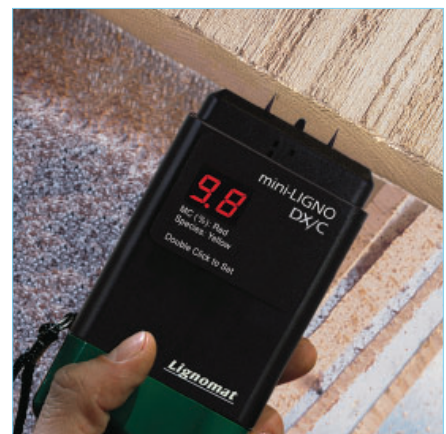
The ability to measure a moisture gradient is one of the main reasons our customers still prefer pin over pinless meters. No other tool can achieve the same measuring accuracy at a defined depth level.



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



In-depth measurements detect unevenly dried wood and help avoid costly mistakes. Used when installing, inspecting floors and for restoration jobs.



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: 5-65%
- 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

42 settings to correct for:

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

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

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

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 DX/C 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)

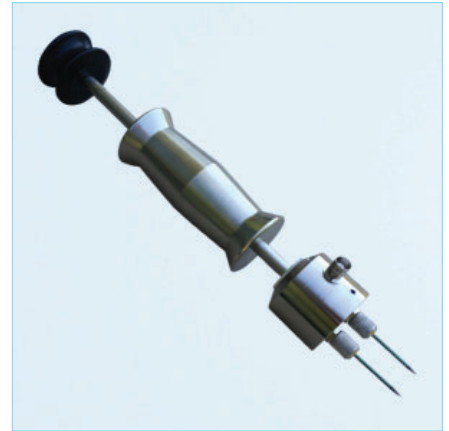
Built in connection for an assortment of external electrodes and in-kiln probes

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

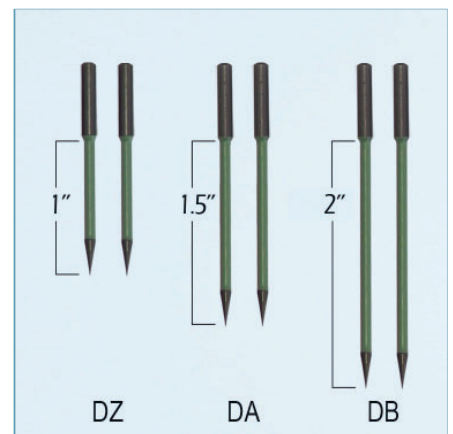


Electrode E12 measures up to 2" deep with insulated pins.

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, DB pins can only be used with the Electrode E12.

Insulated pins measure only at the tip
DB pins not included in package.