

Package M6-P

Applications

Woodworking, home repair work and restoration projects. Adding the Electrode E16 with 2 different posts allows measuring oddly shaped materials, big blocks of wood or wooden sculptures. E16 is also used to measure moisture in concrete and other cementitious materials from the surface to 7" deep.

When the integral pins of the mini-Ligno MD/C are not reaching the areas to be measured or the material is too hard for the pins to be pushed in by hand.

Advantages

The mini-Ligno M/DC meter measures moisture in soft wood, hard wood and panel products. The moisture range from 6-25% is low enough for checking wood for woodworking projects and flooring and high enough for water damage repair work and measuring lumber. At a great price, the meter offers the same quality as all Lignomat meters.

Mainly used to measure concrete and other hard to measure materials and oddly shaped objects, where the distance between the measuring pins needs to be either closer or further apart than given by the standard electrodes with a fixed distance between the pins.

Description

Meter is used for measurements in wood from 6 to 25% moisture or to take comparative measurements in other moisture sensitive materials. The electrode E16 is added for special applications, where two single posts are easier to place. Depth measurements up to 7" with EL pins.

The **mini-Ligno MD/C** offers Lignomat quality at its best price. The measuring range of 6%-25% is often wide enough to cover applications from woodworking to home construction and home restoration. Two correction settings are built-in for measuring hardwoods, softwoods and panel products.

For lumber: The pins at the mini-Ligno measure 7/16" deep. When measuring thicker lumber, you can make a fresh cut and measure the end grain to reach the core. If it is not feasible to cut the wood, you should add the electrode E12 for depth measurements.

For building materials: The pins on the meter work well in soft materials such as drywall to a depth of 7/16". If corners and tight places cannot be reached with the integral meter pins, the electrode E16 can be used for measurements up to 7" deep. (Add-on EL pins).

The **electrode E16** consists of two separate posts. Each post is 2" long with a ball head. The cable is connected through a hole in the post using a 4mm banana plug. The bottom of the posts have threads for the pins. An assortment of pins is available with lengths from 3/16" to 7" (Pins EG, EL and EC, EA, EV). Tapping on top of the ball head with a mallet or hammer will drive pins into the material. Pre-drilling holes maybe required.

We recommend a distance of 4" (10cm) between the pins for measuring cementitious materials including concrete. Cementitious materials tend to give high values, therefore changing the distance allows a wider moisture range.

Measurements obtained from concrete or cementitious materials are not true percent values. They only can be used as reference numbers or comparative readings. Comparative measurements become meaningful, when a dry (wet) sample piece of the material is available. Measurements can then be compared to the moisture value for dry (wet).

Using the mini-Ligno MD/C with the Electrode E16 gives immediate results when measuring concrete. The measurements can show areas of high and low moisture. If measurements are taken with the EL pins at different depth levels, the moisture profile of the slab becomes obvious. However, it cannot replace the in-situ probe test or the Calcium-Chloride test which allow to determine, if a wood floor can be installed.

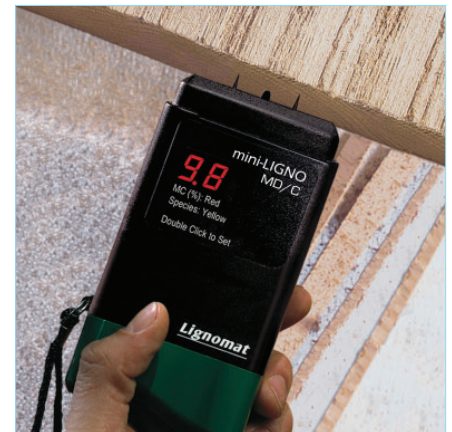


mini-Ligno MD/C with multiple settings for wood and building materials.

Electrode E16 for measuring soft and hard building materials, incl. concrete.



Hard-to-reach areas can be easily measured when adding the long EL pins. Reaching through insulation and wall boards.



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: 6-25%

Display: Resolution: 1% steps, lifetime 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 to correct for

– softwood, hardwood and panel products (%)

Electrode E16 Specifications

Electrode E16 consists of 2 posts. Each post comes with EC pin and hole for 4mm connector.

mini-E16 cable makes the connection to the mini-Ligno C model..

Available pins for E16:

EG pins teflon coated, measuring depth 3/4"

EL pins teflon coated, measuring depth 7"

EC 5/8", EA 7/16", EV 3/16", un-coated

EC pins are included in package

The teflon-coated pins EG and EL measure only at the tip.

Package Includes

1 mini-Ligno MD/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)

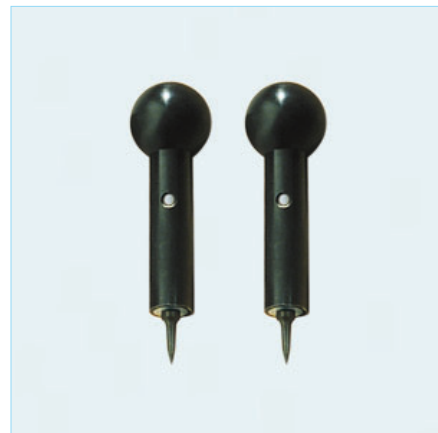
Built in connector for an assortment of external electrodes and in-kiln probes

1 Electrode E16

1 mini-E16 cable

1 pair EC Pins, 3/4" measuring depth 5/8"

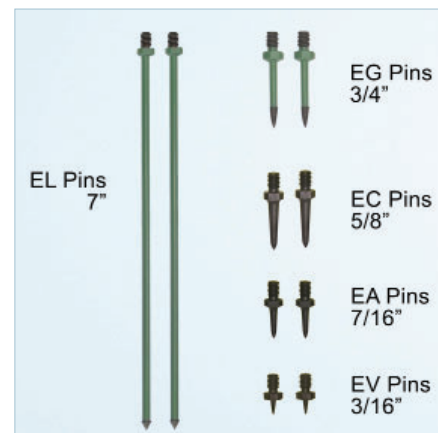
1 pouch (optional)



Electrode E16 for hard bldg materials and cement-based panels for
- mini-Ligno C' models



Electrode E16 allows wide distance between probes to allow for measuring cementitious materials incl. concrete.



Selection of Pins for E16:
EG, EL, EA, EC, EV