

Package D6-P

Applications

For inspection, construction and restoration jobs. To check hardwood floors and sub-floors, structural lumber, drywall and hard building materials such as concrete. Package D6-P is a good option when concrete should be measured or when deep measurements are necessary in the building envelope.

Advantages

The mini-Ligno DX/C is the most advanced mini-Ligno when measuring wood and building materials. With a wide measuring range and correction settings for domestic and tropical wood species, bamboo, gypsum, drywall wall boards and other building materials.

The advantage of the Electrode E16 are the two separate, single pin posts, which make it easier than using a one-piece electrode to insert pins into hard materials (concrete) or to measure hard-to-reach areas up to 7" deep.

With the E16 you get instant results when measuring moisture levels in concrete.

Description

The moisture meter of your choice, the **mini-Ligno DX/C** is the most advanced among the mini-Lignos. It comes with pins and a connector built-in for external electrodes or cables for monitoring problem areas in buildings. Features are the wide measuring range and 46 correction settings built-in for measuring domestic and tropical wood species, bamboo, gypsum, drywall and different types of wall boards and panel products. A reference scale is included for non-wood materials such as plaster, insulation, concrete...

For wood: The integral 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 can add the electrode E12 for depth measurements.

For building materials: The pins on the meter work well in soft materials such as drywall for 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 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 DX/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.

Using an external electrode allows you to keep the meter display visible in front of you. Measuring ceilings, walls or floors with the meter itself can make it impossible to read the numbers on the display.



mini-Ligno DX/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.



mini-Ligno DX/C is set for multiple tropical and domestic wood species. For woodworking and flooring jobs.

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

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.



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

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)

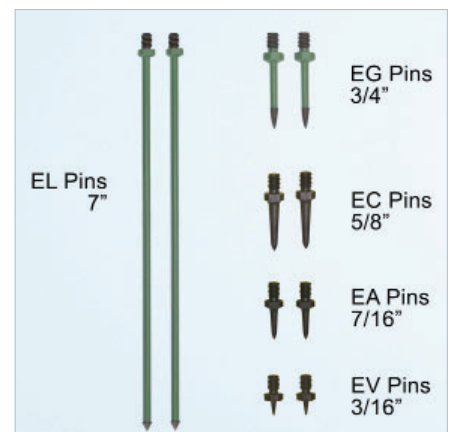
Built in connector for an assortment of external electrodes and in-kiln probes

1 specialty electrode E16

1 mini-E16 cable

1 pair 5/8" EC pins

1 pouch (optional)



Selection of Pins for E16:
coated EG 3/4" and EL 7"