

Ligno-Scanner D - pinless Moisture Meter

Description:

The Ligno-Scanner D is a non-invasive, moisture meter with a measuring depth of 3/4" deep (which includes all material from the surface to 3/4" deep). The meter gives true moisture percentages for domestic and tropical wood species, OSB, sub floors and engineered floors. Wood composites, laminated panels, vinyl and textiles can be measured with the reference scale pre-programmed in the meter. The reference scale works great in compare and search mode for restoration applications.

Lignomat's unique pinless measuring technology assures calibration accuracy and reliability.

Pinless Advantage:

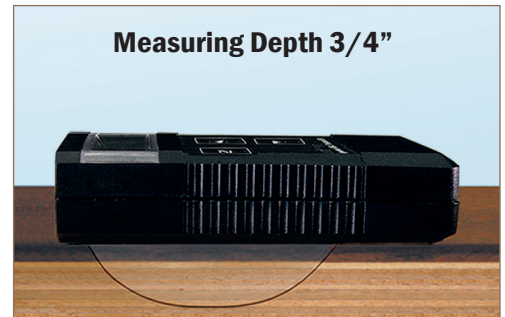
- A large number of boards can be quickly measured without leaving pin holes.
- No effort is needed to push pins into hard wood.
- Ligno-Scanners measure lower moisture contents than pin meters. That is a great advantage for the flooring industry in areas with low relative humidity and high-desert climate zones.

The Ligno-Scanner D is easy to use. The operation is simple with clearly marked buttons. The large display shows moisture percentage, wood setting and measuring depth. Ideal for taking a photo to keep for your records.

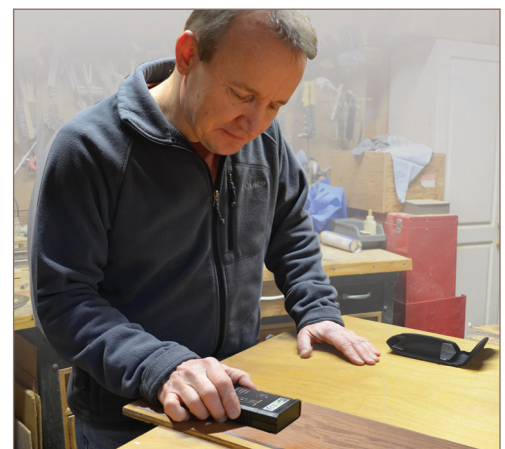
Calibration Stability: The Ligno-Scanner D has proven to be a trustworthy meter, which produces the same accurate moisture percentages today, tomorrow and in a year due to internal calibration checks. The calibration is checked before each measurement and if necessary, automatically adjusted. These "background checks" before measurements assure calibration consistency for Lignomat's pinless meters. Manual recalibration by the customer is not necessary. To confirm calibration and functionality of the meter, Lignomat offers the external calibration check block TS for all pinless meters from Lignomat.

Measuring Depth Matters: When selecting the right Ligno-Scanner for your application consider measuring depth and the materials you want to measure. The measuring depth is crucial for any pinless moisture meter.

The standard measuring depth for pinless moisture meters is 3/4". Likewise the Ligno-Scanner D measures to a depth of 3/4". The pinless moisture meter will not measure any deeper than 3/4". It is not the right meter for core measurements in thicker lumber. If you measure thinner boards, there is not enough material under the measuring plates and moisture readings could be too low or too high. If you work with a variety of thicknesses, you can always stack thinner materials to a 3/4" stack. Another option may be the dual-depth Ligno-Scanners listed below, which have a measuring depth of 1/4" and 3/4".



Correction for domestic and tropical wood species, panel products and subfloors. Can be self-calibrated for engineered products.



The ideal meter to scan a large number of boards quickly and easily. Meter is not suited for round or oddly shaped products.

Summary of all Pinless Meters	Item	Depth 1/4"	Depth 3/4"	Bamboo	Gypsum Sheetrock	Concrete Pinless Mode	Reference Scales	RH In-Situ Concrete	Pin Mode
Ligno-Scanner S	S	✓							
Ligno-Scanner D	D		✓						
Ligno-Scanner SD	SD	✓	✓						
Ligno-Scanner SDM	SDM	✓	✓	✓	✓	✓	✓		
Ligno-DuoTec BW	BW	✓	✓	✓	✓	✓	✓	✓	
Ligno-VersaTec	V-0	✓	✓	✓	✓	✓	✓	✓	✓



Specifications are subject to change without notice.

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Features:

- Built-in corrections for domestic and tropical wood species, OSB, sub floors, engineered floors
- Reference scale for composite wood products, laminates, etc.
- Temperature stable circuitry with built-in calibration check
- Hold function and automatic shut off
- Large LCD display
- Durable rugged design and easy operation
- 2 year warranty for meter (batteries excluded)

Item #D includes:

- 1 Ligno-Scanner D meter
- 1 pouch with belt loop
- 1 9V battery
- 1 laminated wood species correction card
- 1 manual
- 2 year warranty for meter (excluding battery)

Specifications for Ligno-Scanner D Pinless Mode:

Size: 4.75"L X 2.5"W X 1"H, 12 x 6 x 2.5 cm, 1 9-V battery included
 Size of measuring pads: 1 5/8" by 2 5/8", 4.2 by 6.8cm

Wood Species Settings: 71 individual settings for wood species, OSB, AdvanTec and other subfloors, panel products, etc.

Wood Species Corrections can be set according to the Specific Gravity: 0.3-1.0 (#30-#100)

Reference Scale: - for panels made out of wood and laminated products, textile, etc
 - for light-weight building materials

Measuring Range: Wood: 5*-60% dependent upon wood species setting:
 - Less accurate above fiber saturation point at 25%
 - Measures lower moisture than 5%

Reference scales 0-99

Measuring Depth: 3/4" (20mm)

Resolution: 0.1% for entire range



The ideal meter to scan boards quickly and easily, when selling and buying lumber, woodworking, furniture making, cabinetry, etc



Once a job is finished, the meter can be used to take measurements to establish the present condition of the floor. For any problems later-on comparison to those earlier measurements can help to find the cause of any moisture related problems.



Lignomat's Scanner D can also quickly scan walls and ceilings to find areas of high moisture accumulations. However, if you need moisture percentages in wood, Ligno-Scanner D gives accurate moisture percentages.



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