

Ligno-Scanner S - pinless Moisture Meter

Description:

The Ligno-Scanner S is a non-invasive, moisture meter with a measuring depth of 1/4" deep (which includes all material from the surface to 1/4" 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.

Specialty application: checking for surface moisture and checking waterborne finishes.

Lignomat's unique pinless measuring technology assures calibration accuracy and

Pinless Advantage:

- A large area 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 an advantage for the flooring industry in areas with low relative humidity and high-desert climate zones.
- Thin materials down to veneer can be measured more accurately with 1/4" depth.

The Ligno-Scanner S is easy to use. 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 with your records.

Calibration Stability: The Ligno-Scanner S 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. Lignomat offers the external calibration check block TS.

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". However, the Ligno-Scanner S measures only to a depth of 1/4". If the product is less than 3/4" thick, measurements with a 3/4" measuring depth are wrong. They are too low, if there is nothing underneath the thin product and they are too high if other materials are underneath the product. The Ligno-Scanner S is perfect for all products 5/8" or less. Even veneer can be measured.

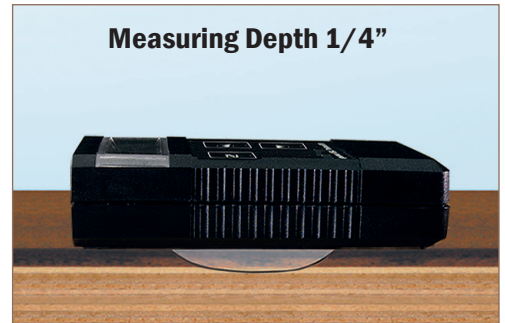
Another application is checking surfaces after industrial cleaning or after waterborne finishes have been applied. The meter will indicate if the finish has been absorbed and the surface has dried out enough for a second coat.

Another option may be the dual-depth Ligno-Scanner SD listed below, for 1/4" and 3/4".

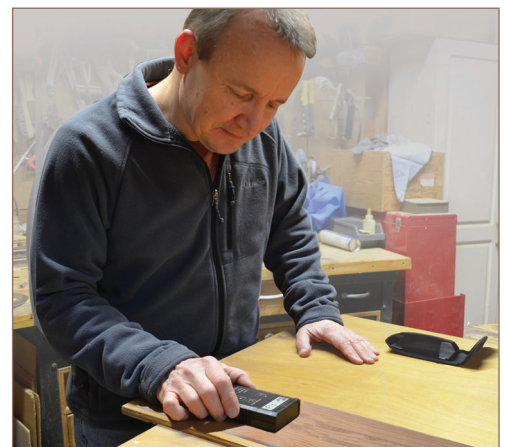
Summary of all Pinless Meters	Item	Depth 1/4"	Depth 3/4"	Bamboo	Gypsum Sheetrock	Concrete Pinless Mode	Reference Scales	RH In-Situ Concrete	Pin Mode
Ligno-Scanner S	S	✓							
Ligno-Scanner D	D		✓						
Ligno-Scanner SD	SD	✓	✓						
Ligno-Scanner SDM	SDM	✓	✓	✓	✓	✓	✓		
Ligno-DuoTec BW	BW	✓	✓	✓	✓	✓	✓	✓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



Measuring Depth 1/4"



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



The ideal meter to scan boards quickly and easily. Not suited for round or oddly shaped products.



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 #S includes:

1 Ligno-Scanner S 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 S 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 scale 0-99

Measuring Depth: 3/4" (20mm)

Resolution: 0.1% for entire range



Pinless Scanner S works best for lumber, panel products, engineered floors, which are less than 3/4" thick. Can be calibrated for veneer.



Checking between coats of waterborne finish.
Checking moisture after water damage and after deep cleaning. Meter is sensitive to surface moisture.



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