

**Ligno-Scanner SDM  
Pinless Mode Ligno-VersaTec**

**To check settings:** Press SET key repeatedly for

1. Material Setting:

2. Measuring Depth:

Change with ▲▼ keys.

- Both sensor plates must be in contact with smooth, flat surface.

- If surface is not smooth, take a few readings and take highest value.

- Material must be at least as thick as the measuring depth.

To measure: Press READ key. Place meter on sample (in direction of the grain). Press slightly down without touching sample with your hand. Press HOLD to activate hold function. Press READ to resume measuring. Min (Max) appears, when moisture is too low (high) to measure. Meter turns off after 3min.

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**For Chile and New Zealand**

50 Macroparca

50 SlashPine Elliottii

55 Pine Hoop 48 Pine Radiata

45 Rimo 58 Tawa

**For Brazil**

88 Ipe

62 Andiroba 80 Jacaranda

80 Balsamo 76 Jatoba

50 Cedrella 100 Macaranduba

84 Cumaru 100 Tatuba

100 Gombeira 68 Tauari

70 Guatambu 36 Virola Sur.

**Settings for Building Materials**

15 Sheetrock (0-2.0%)

25 Concrete (Qualitative Scale,  
based on RH values 0-99)

10 Relative Scale (0-99.9)

Setting 25 and 10 give comparative readings to locate areas of concern. If possible, measure a dry area to establish a base value for dry.

**Bamboo standard Settings**

16 Vertical Natural 1/4" (7mm)

17 Vertical Carbonized 1/4"

18 Horizontal Natural 1/4"

19 Horizontal Carbonized 1/4"

20 Stranded Natural 1/4" (7mm)

21 Stranded Carbonized 1/4"

22 Stranded Tiger 1/4"

60 Meranti White  
78 Mesquite  
50 Monkey Pod  
60 Myrtlewood  
60 Oak Red  
68 Oak White  
34 Pine Eastern White  
40 Pine Lodgepole  
42 Ponderosa Pine  
44 Pine Red  
64 Pine Southern Yellow  
34 Pine Sugar  
44 Poplar Yellow  
54 Ramin  
34 Redwood  
49 Rubberwood  
46 Sassafras  
40 Spruce Northern  
40 Spruce Sitka  
55 Teak  
60 Walnut Black  
80 Wenge  
0 Relative Scale (0-100)

Settings 30-100 are based on specific gravity, see manual. Setting 0 is for laminates and composite products made out of wood.

50 Plywood made from Softwoods  
60 OSB  
56 AdvanTech

**Wood Species Settings**

**Ligno-Scanner SDM**

Software >3.30

63 Acacia

44 Alder Red

62 Ash White

42 Aspen

36 Basswood

30 Balsa

54 Beech European

54 Birch

30 Cedar Western Red

32 Cedar Eastern White

44 Cedar Yellow

54 Cherry

40 Cottonwood

46 Douglas Fir

70 Dogwood

84 Ebony

54 Elm

38 Fir Red

40 Fir White

40 Hemlock

74 Hickory

64 Keruing

55 Koa

60 Lauan

60 Madrone Pacific

40 Mahogany Honduras

62 Maple

54 Meranti Red