Instructions Ligno-VersaTec

To check settings: Press SET key repeatedly to display active settings:

1. Material Setting: Wood Mtrl
2. Wood Temperature: Temp
   needed for Pin Mode only
3. Measuring Depth: Dpth
   needed for Scan Mode only

To change settings: While setting is displayed, press ▲ or ▼ key. Hold key down for fast-forward. Press repeatedly for slow-select. Standard material settings are listed on back. Other pre-programmed settings are: 30-100 specific gravity settings for wood in Scan Mode.
101-104 for original Lignomat group settings 1-4. 105 for EMC readings with EMC Sensor from Lignomat.

To read moisture: Press READ key, moisture value appears. Ligno-VersaTec will turn itself off after 1 min. While measuring, press HOLD to activate HOLD function. Press READ to resume measuring. Min (Max) appears with lowest (highest) moisture value, when moisture is too low (higher) to measure.
Readings above fiber saturation point are less accurate.

Measurements in Pin Mode

Check settings. Connect meter to electrode. Insert electrode pins. Press READ key to turn meter on. The active setting and mode appear briefly.

Pin
125

Display in Pin Mode:
If you need to change to Scan Mode press ▲ or ▼ key.

125
70F   8.9

All wood moisture readings are indicated in percent. To correct readings automatically for wood temperatures other than 70°F, change temp settings between 0°F to 200°F. In acclimated conditions the wood temperature is the same as the ambient temperature. For wood species corrections choose settings according to listing on back. Contact customer service for unlisted wood species or new products.

For sheetrock, connect Electrode E14C. Teflon-insulated pins allow pinpointing moisture distribution even when the surface is wet.
Range in Pin Mode (0-22%)

To change inches ↔ mm and °F ↔ °C see manual.

Measurements in Scan Mode

Check settings. Press READ key to turn meter on. Place meter on sample (for wood: in direction of the grain) and press slightly down without touching sample with your hand. The active setting and mode appear briefly

Scan
125

Display in Scan Mode: If you need to change to Pin Mode press ▲ or ▼ key.

125
3/4"   8.9

To obtain readings:
- Both sensor plates must be in contact with smooth, flat surface.
- Material must be at least as thick as the measuring depth, can be set for 1/4" or 3/4".
- Rough surfaces, take several readings and select highest reading.

Measurements in RH Mode

Connect RH BLuePeg sensor. The Ligno-VersaTec automatically switches into RH mode. Press READ. Measures RH and Temp. Meter indicated RH, Temp, Dew Pt and GPP. Press ▲ or ▼ key to display different values.

**Material Settings
for Ligno-VersaTec Pin and Scan
Software 3.27, 3.28**

171	Acacia
139	Alder Red
185	Ash White
121	Aspen
111	Basswood
222	Balsa
168	Beech European
169	Birch
223	Cedar Western Red
118	Cedar Eastern White
138	Cedar Yellow
163	Cherry
130	Cottonwood
140	Douglas Fir
201	Dogwood
205	Ebony
159	Elm
115	Fir Red
128	Fir White
126	Hemlock
192	Hickory
189	Keruing
160	Koa
182	Lauan
176	Madrone Pacific
125	Mahogany Honduras
165	Maple Hard

221	Maple Soft
167	Meranti Red
177	Meranti White
198	Mesquite
157	Monkey Pod
178	Myrtlewood
179	Oak Red
197	Oak White
226	Pine Eastern White
132	Pine Lodgepole
141	Ponderosa Pine
184	Pine Red
114	Pine Southern Yellow
143	Pine Sugar
164	Poplar Yellow
112	Ramin
149	Redwood
145	Rubberwood
131	Sassafras
129	Spruce Northern
153	Spruce Sitka
156	Teak
180	Walnut Black
204	Wenge
0	Relative Scale (0-100)

Setting 0 is for laminates and composite products made out of wood.

155	**Plywood** made from softwoods
171	**OSB**

For Chile and New Zealand

147	Macroparca
152	Pine Hoop
147	Pine Radiata
155	Pine Slash Elliottii
133	Rimo Heartwood
175	Tawa

For Brazil

186	Andiroba	207	Ipe
199	Balsamo	200	Jacaranda
154	Cedrella	208	Jatoba
206	Cumaru	213	Macaranduba
218	Gombeira	211	Tatuba
196	Guatambu	119	Tauari
		115	Virola Sur.

Settings for Building Materials

15	Sheetrock
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" (7mm)
18	**Horizontal Natural** 1/4" (7mm)
19	**Horizontal Carb.** 1/4" (7mm)
20	**Strand Natural** 1/4" (7mm)
21	**Strand Carbonized** 1/4" (7mm)
22	**Strand Tiger** 1/4" (7mm)