

## Measurements in Pin Mode

Connect meter to electrode. Insert electrode pins. Press READ key to turn meter on.

**8.9** No sign to the left of the display indicates Pin Mode. If the [-] sign is to the left of the display, meter is in Scan Mode. Press ▲ or ▼ key to switch to Pin Mode. If the decimal point blinks, the material setting is undefined. Check setting.

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 chose settings according to listing on back. Contact customer service for unlisted wood species.

For sheetrock, connect Electrode E14C. Teflon-insulated pins allow pinpointing moisture distribution even when the surface is wet.

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

## Measurements in Scan Mode

Press READ key to turn meter on.

**8.9** [-] Sign to the left of the display indicates Scan Mode. If scan sign does not appear, meter is not in Scan Mode. Press ▲ or ▼ to switch to Scan Mode. If the decimal point blinks, the material setting is undefined. Check setting.

Place meter on sample (for wood: in direction of the grain) and press slightly down without touching sample with your hand.

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".

## Measurements in RH Mode

Connect RH BLuePeg sensor. Press READ. [ : ] Sign appears to the left of the display and relative humidity is indicated. Press ▲ or ▼ key to read temperature. [ + ] Sign appears to the left of the display. Value toggles between measured temperature and dewpoint.

## Instructions Ligno-VersaTec

To check settings: Press SET key repeatedly for

1. Material **125**
2. Wood Temperature **+ 70**  
needed for Pin Mode only
3. Measuring Depth (3/4") **: 3 4**  
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. If only a blinking decimal point appears, change setting. While measuring, press HOLD to activate hold function. Press READ to resume measuring. When moisture is too low / high to measure, the decimal point blinks / value flashes. Meter turns itself off after 1min.

## Wood Species Settings for Ligno-VersaTec

- 139 Alder Red
- 185 Ash White
- 121 Aspen
- 111 Basswood
- 222 Balsa
- 219 Bamboo not stranded
- 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
- 188 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
- 180 Walnut Black
- 204 Wenge

### 0 Relative Scale (0-100)

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

Tel: 503-257-8957

## For Chile and New Zealand

- 147 Macroparca
- 155 Pine Eliotti
- 152 Pine Hoop
- 147 Pine Radiata
- 175 Tawa
- 133 Rimo Heartwood

## For Brazil

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

## Settings for Building Materials

- 15 Sheetrock
- 25 Concrete (Relative Scale 0-99.9)
- 10 Relative Scan 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.

Lignomat, 14345 NE Morris Ct.  
Portland OR 97230 USA  
FAX: 503-255-1430  
www.lignomat.com  
E-mail: sales@lignomat.com