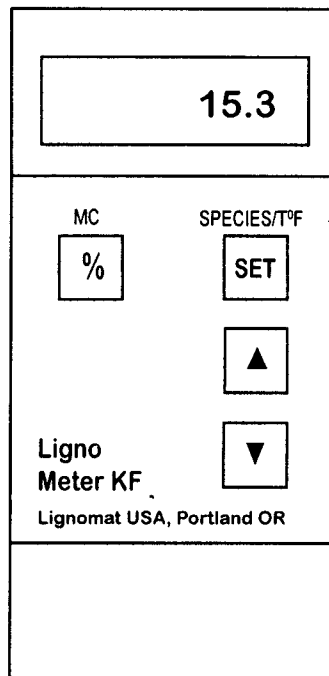


User Instructions for Lignometer KF and KC



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Pin Mode

The Lignometer KF or KC can be used as a resistance-type Pin Meter. The conductivity between the pins is measured and directly dependent upon the moisture content of the wood. The meter indicates the highest moisture value within the small measuring area between the un-teflonized tip of the pins.

Take Readings: For Pin measurements connect BNC-Cable and Electrode. Check Species Settings and Wood Temperature Settings. Press % button. Meter will stay on for approximately 1 minute. As the pins are hammered towards the core consecutive readings indicate any changes between surface and core moisture. For core readings at least a third of the board should be penetrated. The digital display indicates the moisture content corrected for the Species Settings and Wood Temperature Setting.

To obtain accurate moisture readings:

- Both pins have to be inserted.
- Not affected by surface texture or shape (rough sawn lumber or curved moldings)

The measuring range for the Pin Mode depends on the Wood Species to be tested. The measuring range is 4.8* - 99.9* % (*dependent upon species). If the sample is too dry for a reliable reading, the meter will display the lowest possible reading with a flashing decimal point. If the sample is higher than the measuring range, all digits are blinking.

If the Wood Species is not listed, Lignomat offers to test lumber and determine the right Species Settings.

Settings

The Settings for Wood Species , Wood Temperature can be checked by depressing the SET button. The settings can be changed by using the ▲ or ▼ Button.

- Keep up/down buttons depressed for fast-forward scrolling.
- Push up/down buttons for slow-select scrolling.

When the SET button is depressed the first time, the Species Setting appears on the display, if the SET button is depressed again the Wood Temperature Setting appears on the display

Wood Species: The Species Settings listed on the gray Specification Chart are for the most common woods used in the US. If the species you are working with is not listed contact customer service at 1-800-227-2105. The selected Species Setting are between #101-250

#110-250 individual Species Settings

#101-104 same as woodgroup 1-4 in other Lignomat meters.

#105 relative humidity (EMC) with Lignomat EMC Sensor

#106 reference scale for Building Materials

Wood Temperature for Pin Mode only:

Lignometer KF: for 0 to 200°F
" + " Wood Temp Sign appears on left side of display.

Lignometer KC: for -30.0 to 95.0 °C
no Wood Temp Sign appears on left side of display.
A minus sign appears for values below freezing (negative °C value).