



Gann BL H40 Quick Reference Guide

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Timber - Non-Invasive [Equivalent] 3 to 4mm Deep

Step 1: Connect the Gann BL H40 with the MK8 Measuring Cable and the M20 Drive-in Electrode with the Gann QF 15 Surface caps.



Step 2: Turn on the GANN BL H 40. Access settings by pressing either \uparrow or \downarrow . Highlight settings and press "M" to confirm. Then highlight Wood type and press "M". Select types 1-7, based on the expected species of timber on the Timber Species Booklet (See Below)

| Holzsorte, Species, Essence, Madera | 1..4 | 1..7 | x-y | Code | g/cm ³ |
|-------------------------------------|------|------|-----|------|-------------------|
| Pine, Douglas | 3 | 3 | 5-5 | 158 | 0,45 |
| Pine, Eastern White | 3 | 3 | 6-5 | 318 | 0,35 |
| Pine, Ginger | 3 | 3 | 6-5 | 259 | 0,40 |
| Pine, Hard | 3 | 3 | 6-5 | 290 | 0,45 |
| Pine, Heavy | 3 | 3 | 8-2 | 282 | 0,45 |
| Pine, Huron | 3 | 3 | 7-3 | 185 | 0,40 |
| Pine, Insignis | 3 | 3 | 6-5 | 190 | 0,45 |
| Pine, Loblolly | 3 | 3 | 9-1 | 349 | 0,50 |
| Pine, Longleaf Pitch | 3 | 7 | 9-2 | 278 | 0,45 |
| Pine, Maritime | 3 | 3 | 6-5 | 299 | 0,50 |
| Pine, Monterey | 3 | 3 | 6-5 | 190 | 0,45 |
| Pine, North Carolina | 3 | 3 | 9-1 | 349 | 0,50 |
| Pine, Norway | 3 | 3 | 6-5 | 290 | 0,45 |
| Pine, Oregon | 3 | 3 | 5-5 | 158 | 0,45 |

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Step 3: Navigate back to the measuring menu by pressing "M" with the selected. Hold "M" with the electrodes on the material. Release "M" to save the reading.

- You will know you are on the measuring menu by seeing "Hold" at the bottom left of the screen.
- Timber is considered dry at <10-15CM%.

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Timber – Invasive [Absolute]

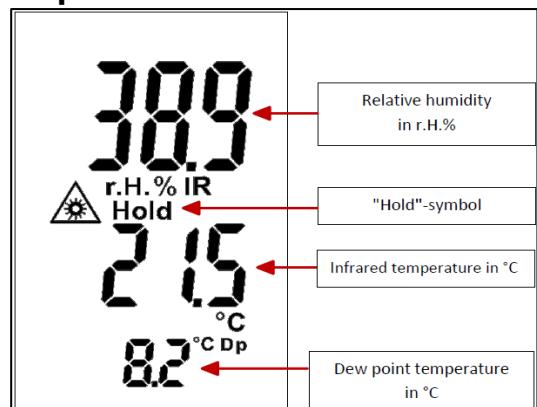
Step 1: Connect the Gann BL H40 with the MK8 Measuring Cable and either the M20 Drive-in Electrode or M18 Ram-in Electrode. (**Note:** M20 Drive-in Electrode if measuring surface material or M18 Ram-in Electrode if measuring a material behind others - e.g. Bottom Plate)



Step 2: Connect the Gann BL UNI 11 with the TF-IR BL. Have the Timber Species Pamphlet accessible also.



Step 3:



1. Navigate to the measuring menu by holding "M" for approximately 3 seconds.
2. When on the screen as shown, you should see "Hold" accompanied by a sun symbol, to indicate the Laser Pointer is active.
3. If you don't see this symbol, follow step 4. Otherwise skip to step 5.

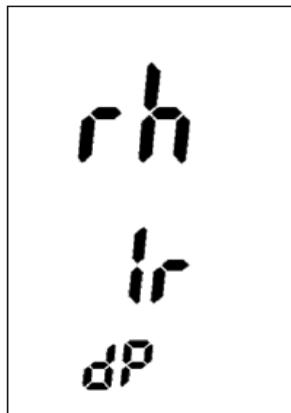
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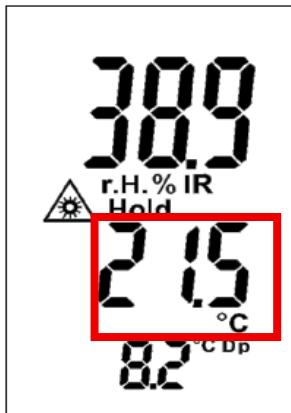


Step 4:



1. If you don't see the Laser symbol, navigate to the measuring settings menu (picture to left) by using the ↑ and ↓ buttons.
2. Press "M" once to be able to change the mode (Should start flashing) and press ↑ or ↓ to navigate the menu until you see the settings in the picture. (rh = Relative Humidity / lr = Laser Reader / dp = Dew Point %)
3. Once on these settings, press "M" again. This will direct you back to measuring screen.

Step 5: Take surface temp reading.



1. Point the TF-IR BL toward the affected material and hold the "M" button on the UNI II.
2. After a couple seconds, the Laser will initiate. Once you release "M" the reading will save and the surface temp reading will be as shown.
3. Keep note of this number.

Step 6: Turn on the GANN BL H40.

Access settings by pressing either ↑ or ↓. Highlight settings and press "M" to confirm. Then highlight Wood type and press "M". Select types 1-7, based on the expected species of timber on the Timber Species Pamphlet.

| Holzsorte, Species, Essence, Madera | 1.4 | 1..7 | x-y | Code | g/cm ³ |
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Step 7: Once pressing "M" to confirm wood type, press ↓ until Wood Temp is highlighted, then press "M".



Step 8: Navigate back to the measuring menu by pressing "M" with the selected. Hold "M" with the electrodes in the material. Release "M" to save the reading.



- You will know you are on the measuring menu by seeing "Hold" at the bottom left of the screen.
- Timber is considered dry at <10-15CM%. (Which is the reading highlighted in the picture ←)

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