UC-321 CALIBRATION INSTRUCTIONS (VER. 2 Software)

1. Insert calibration Jack and set switch to **WEIGHT** position.
2. Press and hold **Cal Switch** then momentarily press **Blue Measure Switch** on the front of the scale.
3. Release **Cal Switch**, **DO NOT PRESS ANY SWITCH AT THIS POINT OTHERWISE TEMPERATURE DATA WILL BE DESTROYED!** Observe the display showing "*88888*" and then "*-----*".
4. Press **Measure Switch** momentarily, **ONCE ONLY OTHERWISE TEMPERATURE DATA WILL BE DESTROYED!** The display will show "*99999*" and start to count down.
   DO NOT PRESS MEASURE SWITCH AT THIS STEP, AS TEMPERATURE DATA WILL BE DESTROYED!
5. Press **Cal Switch**. The display will show "*0*"
6. Press **Cal Switch** repeatedly until the display shows "*5*"
7. Press **Measure Switch** momentarily, the display will show the temperature at calibration; i.e. (*20*). <u>This must be set before calibration</u>.
8. Press **Measure Switch** momentarily, the right digit will flash. Use the **Cal Switch** to increment the value of the flashing digit. Once the correct value is displayed, select the next digit with the **Measure Switch.** When the correct temperature is displayed press **Measure Switch** to stop the flashing digit. Press **Cal Switch** to display "*6*"
9. Press **Measure Switch** momentarily, the display will show the gravity setting applied at time of calibration, i.e. (*9798*).
10. Press **Measure Switch** momentarily, the right digit will flash. Use the **Cal Switch** to increment the value of the flashing digit. Once the correct value is displayed, select the next digit with the **Measure Switch.** Repeat for all digits until the correct gravity setting is shown.
11. Press **Measure Switch** repeatedly until no digits are flashing.
12. Press **Cal Switch** to display "*7*"
13. Press **Measure Switch** momentarily, the display will show the gravity setting for the location of use of the scale, i.e. (*9798*). If the scale is to be used at the same location, where it is calibrated, **this value must be set exactly the same as above!**
14. Use the same procedure as above to set the gravity value.

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15. Press **Cal Switch** to display "*0*" **DO NOT PRESS MEASURE SWITCH AT THIS STEP, AS TEMPERATURE DATA WILL BE DESTROYED!**

16. Press **Cal Switch** twice to display "*10*"

17. Press **Measure Switch** momentarily, the display will show *CL 0*, remove all weight from the platform and position the timber calibration jig. Wait until the stable indicator appears.

18. Press **Measure Switch** for about half a second, the display will show "*11*"

19. Apply 150 kg on top of the calibration jig, and then Press **Measure Switch** momentarily, the display will show *CL 1*. Wait until the stable indicator appears.

20. Press **Measure Switch** for about half a second, the display will show "*12*"

21. Press **Cal Switch** twice to display "*14*"

22. Remove weight from calibration jig then press **Measure Switch** momentarily, the display will show the weight in kg continuously in this mode. Apply weights to test performance.

23. Press and hold **Cal Switch** until the display turns off.

24. Remove calibration Jack.