

## **UC-321 CALIBRATION INSTRUCTIONS (Ver. 4 Software)**

1. Insert calibration Jack and set switch to **BMI** position.
2. Press and hold **Cal Switch** then press **Blue Measure Switch** on the front of the scale five times.
3. Release **Cal Switch**. Observe the display showing "88888", and then "-----".
4. Press **Measure Switch** momentarily. The display will show "99999" and start to count down. Press **Cal Switch**. The display will show "0"
5. Check if scale is set to 2 point calibration or 3 point calibration.  
By default, scale is set to L - 1, which uses 3 point calibration.  
Set slide switch to **WEIGHT** position then press **Measure Switch** momentarily. Press **Cal Switch** to continue without changing. Use **Measure Switch** to change setting then **Cal Switch** to enter the change.  
L - 0: 2 point, (0kg, 150kg).  
L - 1: 3 point, (0kg, 80kg, 150kg). \* DEFAULT.  
L - 2: 2 point, (0lb, 350lb).  
L - 3: 3 point, (0lb, 176.4lb(80kg), 350lb).  
L - 4: Setting the default value.
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). This must be set before calibration.
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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## **UC-321 CALIBRATION INSTRUCTIONS .cont. (Ver. 4 Software)**

15. Press **Cal Switch** to display "8".
16. Press **Cal Switch** twice to display "10".
17. Press **Measure Switch** momentarily, the display will show [L 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. If using 3 point calibration, L - 1 or L - 3, apply 80 kg on top of the calibration jig.  
If using 2 point calibration, L - 0 or L - 2, apply 150 kg on top of the calibration jig.  
Press **Measure Switch** momentarily, the display will show [L 1. Wait until the stable indicator appears.
20. Press **Measure Switch** for about half a second, the display will show "12".
21. If using 2 point calibration, L - 0 or L - 2, Press **Cal Switch** & go to 23.  
If using 3 point calibration, L - 1 or L - 3, apply 150 kg on top of the calibration jig, and then Press **Measure Switch** momentarily, the display will show [L 2. Wait until the stable indicator appears.
22. Press **Measure Switch** for about half a second, the display will show "13".
23. Press **Cal Switch** twice to display "15"
24. 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.
25. Press and hold **Cal Switch** until the display turns off.
26. Remove calibration Jack.