UC-321PL UC321-BT UC-321
CALIBRATION INSTRUCTIONS (Ver. 5, 6, 7 Software)

Note: Below, position **Weight A kg** refers to the switch position furthest away from the test/data socket. **Weight A lb** refers to the switch position next to **Weight A kg**.

1. NO calibration Jack is required for this version 5,6 and 7 UC321.
2. Set the mode switch on the bottom of the UC321 to the position furthest away from the test/data socket.
3. Press the **Blue Measure Switch** once then slide the mode switch towards the test/data socket, (all the way) and then back again**.** Within two seconds.
4. If the display shows "**-----**", press **Measure Switch** three times.
5. After the display turns off then back on the display will show "**-----**" again.
6. Press **Measure Switch** momentarily. The display will show "*99999*" and start to count down. Press **Measure Switch**. The display will show "*0*"
7. To check the calibration type set the mode switch to the position furthest away from the test/data socket and press the measure switch.
   By default, scale is set to *L-1*, which uses 3 point calibration.
   To change set mode switch to the next position towards the test/data socket then press **Measure Switch** momentarily. Use **Measure Switch** to change setting.
   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).
   Slide Mode switch to position furthest away from the test/data socket press **Measure Switch** repeatedly to show **"*5*"**
8. Press **Measure Switch** momentarily, the display will show the temperature at calibration; i.e. (*20*). <u>This must be set before calibration</u>.
9. To change set mode switch to **Weight A lb** position then press **Measure Switch,** press **Measure Switch** momentarily, the temperature value will increase one digit at a time. When the correct temperature is displayed slide Mode switch to **Weight A kg** press **Measure Switch** display "*6*"
10. Press **Measure Switch** momentarily, the display will show the gravity setting applied at time of calibration, i.e. (*9798*).
11. To change set mode switch to **Weight A lb** position then press **Measure Switch,**
12. Press **Measure Switch** momentarily to increment the value one digit at a time. Once the correct value is displayed, slide Mode switch to **Weight A kg** press **Measure Switch** press **Measure 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 **Measure Switch** to display " *l0* ".

16. 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.

17. Press **Measure Switch** for about half a second, the display will show " *l1* "

18. 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 *CL 1*. Wait until the stable indicator appears.

19. Press **Measure Switch** for about half a second, the display will show " *l2* ".

20. If using 2 point calibration, *L-0* or *L-2*, **Weight A lb** position then back to **Weight A kg** position, proceed to step 22.
    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 *CL 2*. Wait until the stable indicator appears.

21. Press **Measure Switch** for about half a second, the display will show " *l3* ".

22. Press **Measure Switch** repeatedly to display " *l5* "

23. 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.

24. Press and hold **Measure Switch** until the display turns off.