



# DATALOGGERS

## DataHog2 setting up Tensiometer channels

The full scale and zero offset values to be entered into the DataHog2 software, need to be calculated for each tensiometer, using the formula on Technical Notes 2.0 at the back of the DataHog2 manual. Enter these as follows:

1. Wake up the DataHog2 as usual, to reveal the Main Menu of the logger
2. Press '9' to choose 'Option 9 - Set Ax+B calibration factors'
3. Enter the software channel you wish to configure (e.g. 00 or 01 etc.)
4. Enter the Full Scale Value for the tensiometer associated with that software channel (e.g. 4148.6 for tensiometer 8169). You must use the format of 5 digits plus a decimal point, with no leading zeros.
5. Enter the Offset Count for the same tensiometer (e.g. 0020 for tensiometer 8169)
6. Enter the Offset Sign + or - of the Offset Count (e.g. - for tensiometer 8169)
7. The figures you have just entered will be displayed for you to confirm. If OK, press 'Y' and you will return to the main menu.
8. Repeat steps 2 to 7 for each tensiometer input to be configured.
9. Press ESCAPE to return the DataHog2 to logging mode.
10. Write the new Full Scale Values and Zero Offset counts on the Hardware Configuration Certificate for your future record.



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