

Calibration of PH141 pH Controller

1. Clean and wash the electrode in distilled or de-ionised water, immerse in a standard buffer solution of any value
2. Now enter into the programming mode as follows: (a) Press “**S**” button, **Pas** is displayed momentarily, then **0**, using the up and down arrowed buttons, set the passcode. (b) Press “**S**” button, display shows **Pas** momentarily, and then confirms your passcode (if the wrong passcode is entered then **End** is displayed); at this point you may change your passcode.
3. Press “**S**” button, **uSE** is displayed, press either up or down arrowed buttons repeatedly until **CAL** is displayed.
4. Press “**S**” button, **Bu.1** is displayed momentarily, then the current value of the first buffer solution, wait until the reading stabilizes.
5. Press “**S**” button, **PH.1** is displayed momentarily; the reading shows the current value of the first buffer, with the possibility of altering the value with the up and down arrowed buttons.
6. Press “**S**” button **CA.1** is displayed. This denotes single point calibration (go to 7), for two point calibration press either up or down arrowed buttons until **CA.2** is displayed (go to 11).
7. For single point calibration press and hold “**S**” button. Flashing **E2P** is displayed (storing in memory) until display shows **E--** (error code).
8. Press the up arrow to display the E° (check) reading.
9. Press the down arrow to display the slope percentage value (99.9).
10. Press “**F**” button twice to end.
11. For two point calibration, press “**S**” button (while **CA.2** is displayed), **Bu.2** is displayed momentarily, then the value of the second buffer, wash the electrode in distilled water and immerse in second buffer, wait for the reading to stabilize.
12. Press “**S**” button **PH.2** is displayed momentarily, then the reading shows the current value of the second buffer, with the possibility of altering the value with the up and down arrowed buttons.
13. Press and hold “**S**” button, display shows flashing **E2P** (storing in memory), until the display shows **E--** (error code).
14. Press the up arrow to display the E° (check) reading.
15. Press the down arrow to display the slope percentage value.
16. Press “**F**” button twice to end.

“**S**” = Enter & Store

“**F**” = Exit

Note! If the passcode has been mislaid it may be reset to zero by entering 3584

Mortek Ltd: Unit 26 Colemeadow Road, Redditch, Worcestershire, B80 7NX.

Tel: 01 527 69634 Fax: 01 527 69635

www.mortek.co.uk

service@mortek.co.uk