

PH 模擬校正器



PH 校正器為檢測PH測試器及控制器使用，用途為模擬電極在 25°C理想情況下檢測儀器是否正常；或是電極老化故障。

使用前注意事項

- 將校正器背面電池盒螺絲卸下，裝上9V電池，蓋回電池蓋索上螺絲。
- 校正器不用時應將開關切到“OFF/7.0”位置，避免電池耗電，此時電源(POWER)指示燈應為熄滅狀態。
- 將開關切到其他位置時，電源(POWER)指示燈應該為亮起狀態。
- 如果 LO BAT. 指示燈亮起，代表電池電量不足，需要換新電池，否則校正器會不準。

pH SIMULATOR



PH Simulator is used for assessing the function of the PH tester and controller when the later once were in used. It imitated the electrode operated at 25°C and to assess the appliances were in good condition or not.

PLEASE PAY ATTENTION BEFORE USE

- To unscrew the cover of the battery case of the simulator and fix on a 9V battery for use.
- To avoid wastage of electronic, please turn the on/off knob to “OFF/7.0” when the simulator is not in used. The power indicator will be light off at this moment.
- When the on/off knob switch to other position, the power indicator would be on lighting condition.

If the “LOW BAT” indicator was light up, it represent low battery condition. To restore new battery is required, otherwise, the accuracy of the simulator will be affected

A 針對單點校正PH儀器

1. 將校正器的BNC頭連接到儀器的BNC輸入端，插入後右轉到底。
2. 將校正器的開關置於“OFF/7.0”位置，此時儀器應該顯示數值為7.00。如果不是，可以調整儀器校正旋鈕Cal.7，直到數字顯示為穩定7.00。若無法校正到7.00，則儀器需送回工廠檢修。
3. 再將校正器開關切換到“4.0”位置，此時儀器應該顯示數值為4.00 (3.9-4.1之間也可)，如果顯示不在此範圍，則儀器需送回工廠檢修。



B 針對兩點校正PH儀器

1. 將校正器的BNC頭連接到儀器的BNC輸入端，插入後右轉到底。
2. 將校正器的開關置於“OFF/7.0”位置，此時儀器應該顯示數值為7.00。如果不是，可以調整儀器校正旋鈕Cal.7，直到數字顯示為穩定7.00。若無法校正到7.00，則儀器需送回工廠檢修。
3. 將校正器開關切換到“4.0”位置，此時儀器應該顯示數值為4.00，如果不是，可以調整儀器校正旋鈕Slope 4，直到數字顯示為穩定4.00若無法校正到4.00，則儀器需送回工廠檢修。
4. 將校正器開關切換到“10.0”位置，此時儀器應該顯示數值為穩定10.00，如果不是，可以調整儀器校正旋鈕Slope 4，若無法調整到10.00，則儀器需送回工廠檢修。
5. 將模擬器開關切換到10.0 HI IMPEDANCE位置，此時儀器應該顯示數值為10.00左右(9.0到11.0間可以，且數值會稍不穩定)。此位置目的是要模擬實際電極的高阻抗狀態，如果顯示值差異太多，代表儀器的高阻抗不足，實際接上電極測量時可能會不準確。儀器需送回工廠檢修。
6. 如果經過以上步驟的PH校正器檢測都符合，則可以確定PH測試器或PH控制器正常。



A For the single point calibrate PH INSTRUMENTS

1. Plug the BNC head of the PH SIMULATOR to the input of he BNC of PH INSTRUMENT and then turn the knob to the right end.
2. When the on/off knob of the simulator was turned to “OFF/7.0” position, the indicator on the PH INSTRUMENT should be 7.00. If incorrect, you should adjust the Cal.7 of PH INSTRUMENT until the number indicates 7.00. If fail, please return the PH INSTRUMENT to factory for repairing.
3. Again turn the knob to “4.0” position, the indicator of PH INSTRUMENT at this time should be 4.00 (3.9 to 4.1 is acceptable). If incorrect, the PH INSTRUMENT should be returned to factory for repairing.



B For the two points calibrate PH INSTRUMENTS

1. Plug the BNC head of the PH SIMULATOR to the input of he BNC of PH INSTRUMENT and then turn the knob to the right end.
2. When the on/off knob of the simulator was turned to “OFF/7.0” position, the indicator on the PH INSTRUMENT should be 7.00. If incorrect, you should adjust the Cal.7 of PH INSTRUMENT until the number indicates 7.00. If fail, please return the PH INSTRUMENT to factory for repairing.
3. Again turn the knob to “4.0” position, the indicator of PH INSTRUMENT at this time should be 4.00If incorrect, you should adjust Slope 4 of PH INSTRUMENT until the number indicates at 4.00. If fail, please return the INSTRUMENT to factory for repairing.
4. Turn the on/off knob of the simulator to “10.0” position, the indicator of PH INSTRUMENT should show the number 10. If fail, please return PH INSTRUMENT to factory for repairing.
5. Turn the on/off knob of the simulator to “10.0 HI IMPEDANCE” position, the indicator of PH INSTRUMENT should be around 10 (9 to 11 is acceptable). This position shows actual electrode resistance condition. If far beyond standard, please return PH INSTRUMENT to factory for repairing
6. If the above testing procedures were all certified correct, it represents that the PH INSTRUMENT are in normal function.

