

How to use the 913 pH meter

pH calibration

- Switch on the instrument . Define the range of buffers to be used. **Remove the cap** containing the 3M KCl. **Open the electrolyte filling hole*(1)**

KCl 3M Cap
- Select the pH channel by pressing .
- Press . Rinse the electrode with MiliQ water and carefully remove the residual water drops with Kimtech paper. Immerse the electrode in the 1st buffer and press . Start with the lowest pH value.
- Enter the temperature manually. Continue with .
- Set pH buffer 1 (pH 4 or pH7). Continue with .
- The 1st buffer solution measured: Take the electrode out of the buffer solution, rinse it with MiliQ water and dry gently. Continue with .
- Immerse in the 2nd buffer solution. Set pH buffer 2 (pH 7 or pH 10). Continue with .
- The calibration result is displayed. Save the calibration with or cancel with .

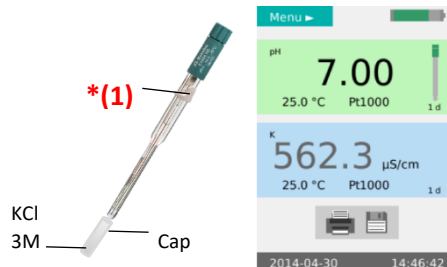
The electrode is now ready for your measurements
- Good calibration

Acceptable calibration

Invalid calibration
Clean the sensor and repeat the calibration

pH measurement

- Check that the instrument is turned on.
- Remove the cap containing the 3M KCl.
- Open the electrolyte refill hole *(1)**
- Rinse the pH probe with MiliQ water and gently remove the drops of water with a Kimtech paper.
- Immerse the probe in the solution to be analyzed.
- Wait for the measurement to stabilize.



At the end of the analysis :

- Rinse the probe with MiliQ water and gently remove the drops of water with a Kimtech paper.
- Replace the cap to keep the electrode in the 3M KCl.
- Close the electrolyte filling hole *(1)**

DO NOT LET THE ELECTRODE DRY, ALWAYS STORE IN KCl 3M