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Bluelab pH Probe Care & Cleaning

Information sheet for Bluelab pH Probes and Soil pH Probes

Caring for pH probes

pH probes do not last forever. They age quickly through normal use. Following these care steps will help you maintain accuracy and improve the life of the pH probe:

- Always keep the probe tip wet. If it dries, it dies!
- Rinse the pH probe tip in clean tap water between readings for accuracy.
- Always place the storage cap back onto the pH probe after use. Ensure the cap contains enough Bluelab pH Probe KCl Storage Solution to cover the probe tip.
- Clean and calibrate the pH probe every 30 days.
- Hydrate the pH probe in KCl storage solution if the probe tip has not always been stored in KCl storage solution, to improve the reading response speed.
- Only use plastic containers when cleaning, calibrating and/or hydrating.
- Touching the glass bulb with your fingers will contaminate the glass.
- Never plunge a cold probe into a hot liquid (or vice versa). Sudden temperature changes can permanently damage the probe.
- Do not immerse in oils, proteins or suspended solids that will leave a coating on the glass bulb.
- Never exert sideways force, drop or knock the pH probe, the glass will break.
- Loosen the storage cap before removing or placing back onto the probe to avoid damage.

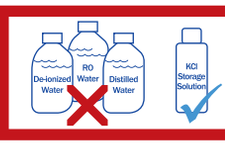
Bluelab pH Probe (replacement)

Bluelab Soil pH Probe (replacement)

Bluelab Probe Care Kit - pH & conductivity
all the handy tools you need to clean and calibrate pH probes, clean and test conductivity probes.

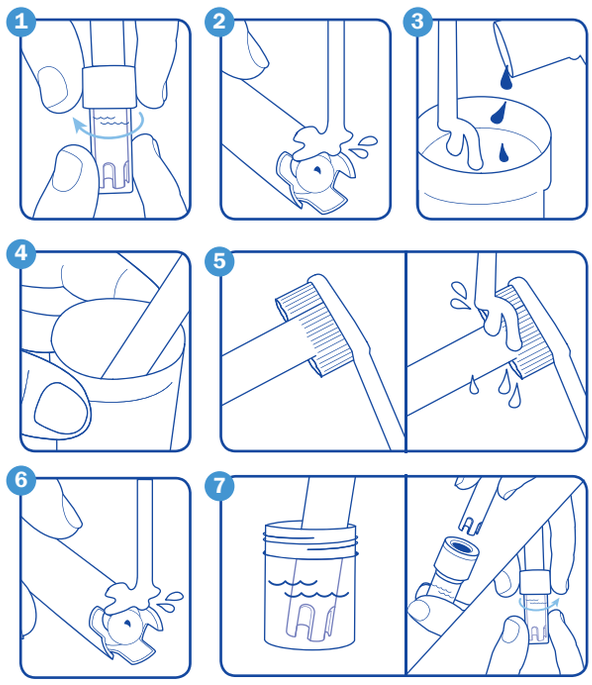
Bluelab pH Probe KCl Storage Solution
to store and hydrate all Bluelab pH products.

NEVER store, rinse or soak the pH probe in RO (Reverse Osmosis), Distilled or De-ionized water.
Pure water changes the chemistry in the reference, causing the probe to die.



How to clean a Bluelab pH/Soil pH Probe

1. **Remove storage cap from pH/soil pH probe.**
   Hold the top of the storage cap, twist the cap to loosen then remove.
2. **Rinse pH probe tip under fresh tap water.**
   Never use RO (Reverse Osmosis), Distilled or De-ionized water.
3. **Fill a small plastic container with clean tap water.**
   Add a small amount of Bluelab pH Probe Cleaner or mild detergent (dishwashing liquid).
4. **Gently stir the probe tip in the mixture.**
   Ensure that you do not 'knock' the pH/soil pH probe on the side of the container as this may cause damage to the probe.
5. **If the probe tip requires removal of heavy contamination:**
   Gently brush around the glassware with a few drops of Bluelab pH Probe Cleaner or mild detergent (dishwashing liquid) and a soft toothbrush.
   *Note: if you need to hydrate the pH probe, soak probe tip for 24 hours in KCl storage solution **before** you calibrate.*
6. **Rinse the probe tip well under fresh running tap water to remove all traces of the detergent mixture.**
7. **Calibrate pH probe after cleaning, refer to the back of the meter.**
   After calibration, store pH probe in the storage cap, ensuring there is enough KCl Storage Solution to cover the probe tip.



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