

## Bluelab Conductivity Probe Cleaning and Testing

for Bluelab Truncheon® Meter and Bluelab Conductivity/Temperature Probe

### Caring for conductivity probes

Nutrient salts build up on the probe face over time. Regular cleaning removes the build up of salts and ensures accuracy of the readings. Accurate readings make it easier to monitor the strength of your nutrient solution and improve the growth of your crop. These care steps will help you maintain optimum accuracy:

- › Keep the shroud on the probe at all times, except when cleaning.
- › Avoid touching the probe face, the oils from your fingers will contaminate the probe.
- › Rinse the probe head in fresh tap water after every use to reduce nutrient build up.
- › Clean and test your conductivity probe every 30 days.
- › Clean the probe with a liquid scourer cream used in home bathrooms and kitchens such as 'Jif', 'Liquid Vim', 'Soft Scrub', 'Cif', or 'Viss'. Never use scented varieties of cleaner as they contain oils that contaminate the probe face.
- › Calibration is not required for Bluelab conductivity products. They are factory calibrated, so only require cleaning and testing.
- › The Bluelab EC pen can be calibrated, instructions are on the back of the meter. Clean the probe first!



**The Bluelab Probe Care Kit - Conductivity** contains all the handy tools you need to clean and test conductivity probes.

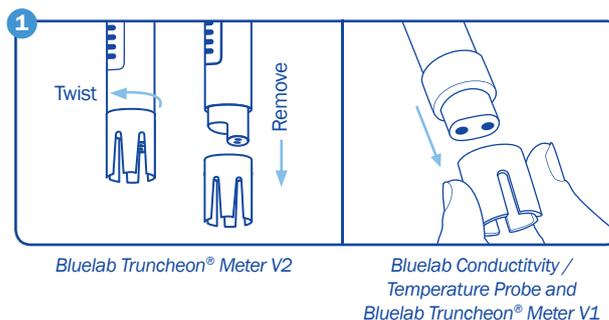


### How to clean a Bluelab conductivity probe

#### 1 Remove shroud.

**For the Bluelab Truncheon® Meter (V2):** Twist the shroud 90 degrees and then remove the shroud.

**For all Bluelab Conductivity/Temperature Probes and Bluelab Truncheon® Meter (V1):** Warm the shroud in your hand for a few seconds to help with removal. Hold the body and pull the shroud off.



#### 2 Clean the conductivity probe face.

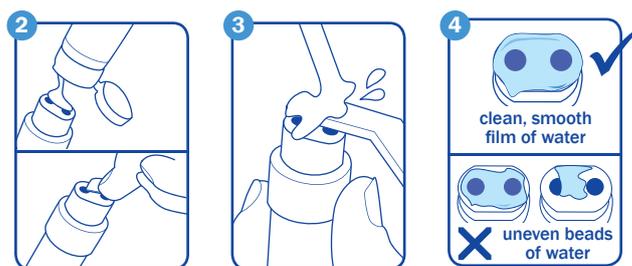
Place one or two drops of Bluelab Conductivity Probe Cleaner onto the probe face and rub with the Bluelab Chamois or your finger firmly and vigorously.

#### 3 Rinse the conductivity probe face.

Rinse off all traces of cleaner under running tap water while scrubbing the probe face with the other side of the Bluelab Chamois or the same finger.

#### 4 Check that the water forms a smooth film on the probe face, without any beads of water.

If you can see beads of water, repeat steps 2 and 3.

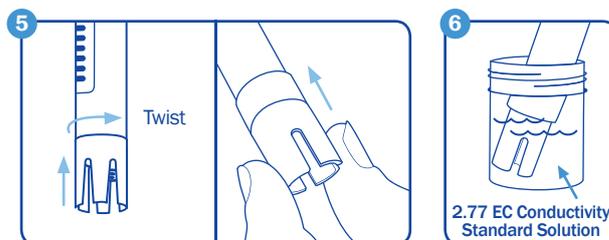


#### 5 Refit the shroud and test in 2.77 EC Conductivity Standard Solution to ensure cleaning was adequate.

Place the probe tip into the solution, wait for the reading to stabilize to a constant value. This can take a few minutes while the probe adjusts to the temperature of the solution.

#### 6 Repeat the cleaning process if the reading given is not within 0.1 EC/1 CF of 2.8EC

NOTE: The shroud MUST be left on the probe when taking readings.



### Do you need more information?



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