

# care, maintenance and cleaning

## Conductivity Probes

### Care

The shroud on the conductivity probe must always stay on the probe tip except when cleaning.

Avoid touching the probe face with your fingers except when cleaning, as it will contaminate the probe with the oil from your skin.

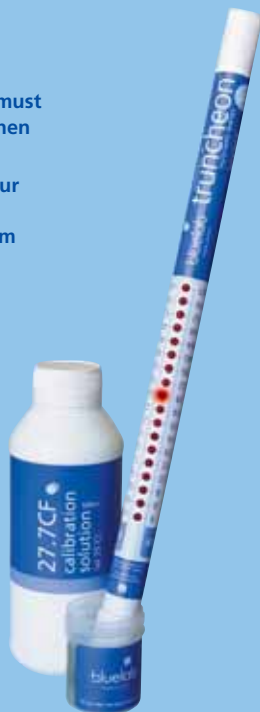
### Maintenance

The conductivity probe requires cleaning on a weekly basis.

### Cleaning

Conductivity probes require cleaning on a very regular basis. Bluelab recommends this procedure is done once a week. It is vital to the accuracy of the reading and the longevity of the probe that this is done - much like putting oil in a car!

It is a quick simple procedure and only requires liquid scourer, Bluelab Chamois and fresh running water.



### Cleaning instructions

- 1 Remove the shroud from the probe as in figure 1.
  - 2 Place a few drops of Bluelab probe cleaner onto the probe face. Rub firmly and vigorously with the base of the Bluelab Chamois. See figures 2 & 3.
  - 3 Rinse under running water and rub the surface of the probe with the other side of the Bluelab Chamois to remove all traces of cleaner as in figure 4.
- ONLY SHAKE DRY – DO NOT use a cloth.
- 4 Check that water forms a film on the probe face, without beads of water. If beading is present, repeat the cleaning process until the probe face retains an even film of water. See figure 5.
  - 5 Place the shroud firmly back on to the end of the probe. The shroud MUST be replaced for accurate readings and to protect the probe tip.
  - 6 Check the probe reading in Bluelab 27.7CF conductivity standard solution to ensure the probe is clean. Remember the probe needs time to reach the same temperature as the solution until the reading can be taken.
  - 7 Repeat cleaning process again if the measurement is not reading within 1CF / .1EC.



figure 1



figure 2



figure 3



figure 4

clean, smooth film    contaminated, uneven film    Oily, beading visible



figure 5



figure 6

**NOTE:** The reading is only as accurate as the probe is clean!

