



# **BLUELAB TRUNCHEON** **OPERATING INSTRUCTIONS**

## **1. Warm Sensor Head**

Place probe into nutrient solution for 1-2 minutes to reach the nutrient temperature.

## **2. Measure Conductivity**

Briefly remove the Bluelab Truncheon from solution then place it back for 1-2 seconds.

**Note:** If the solution you are measuring is colder than the probe, leave the probe in the solution for 5-10 minutes before taking a reading. This gives the unit time to temperature compensate.

## **3. Read Conductivity Values**

Remove Truncheon from the solution and read indicator light values on stem.

**Note:** If the lights are dancing between two values, the reading is between those two values eg. lights dancing between '6' and '8' indicates a reading of '7'. You can also count the number of flashes between two values ie. '28' and '32', two flashes on the '28' light and then two flashes on the '32' light would indicate '30'. One flash on the '28' and two flashes on the '32' would indicate a reading of '31'.

## **4. Obtain another Reading**

To take another reading, allow the Truncheon to switch off and then repeat the above procedure.

## **5. Clean Probe**

The probe needs to be cleaned often, once every two weeks, according to the instructions that follow.

## **Trouble Shooting**

### **Bluelab Truncheon turns off before reading taken**

Take out of nutrient solution for 3-5 seconds. Dip in solution again and take reading.

### **Bluelab Truncheon not lighting when dipped in solution**

Clean the probe. If this is unsuccessful, replace batteries.

'Do not use rechargeable batteries'.

### **Bluelab Truncheon gives low readings**

Clean the probe. Ensure unscented cleaner is used eg. Plain Jif

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