

# PCT-1

## 2-in-1 Sensor (EC+Temp)

The TrolMaster EC & Temperature probes provide accurate and reliable monitoring on the EC and temperature of the water being monitored by the Aqua-x. The PCT-1 probe connects to the Aqua-x via the AMP-2.



## Specifications

### PCT-1

### Package Contents

Reservoir EC / Temp Sensor	1pc
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### Working Environments

Temperature	32-122°F (0-50°C)
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Humidity	≤90%
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### Package Dimensions

Size	10.83" / 275mm(L) x 3.35" / 85mm(W) x 3.74" / 95mm(H)
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### Range

Range	0~5mS/cm
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### Accuracy

Accuracy	± (0.05+2%) mS/cm
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# TrolMaster

## TrolMaster pH / EC calibration

### Calibrate pH probes using a 7.0 and a 4.0 solution.

- 1) Place the probes into a clean sample of 7.0 cal solution.
- 2) Stir slowly... Let the probe sit for at least 2 minutes in the solution.
- 3) After 2 minutes, check calibration. **If it does not read 6.9 to 7.1 the probe should be calibrated.**
- 4) Go to System Settings. Select *Calibration / PH*. Calibrate to 7.0... Press Enter.
- 5) When complete you can also do a 4.0 calibration. Repeat steps 1-4 for 4.0 calibration.
- 6) When complete with either a single point, or two-point calibration, the calibration process is finished, and the probe should read correctly.

NOTE: If the controller displays Out of Range, there might be a problem with the probe. Contact Trolmaster Tech support.

### Calibrate EC probes using a 1.41 or 2.77 solution.

- 1) For EC, choose the correct cal solution based on the EC of the nutrient you will be using. The two most common solutions are 1.41 and 2.77 EC.
- 2) Place the probes into a clean sample of solution.
- 3) Stir slowly. Let the probe sit for at least 2 minutes in the solution.
- 4) After 2 minutes, check calibration. **If it does not read within 5% of the correct reading, the probe should be calibrated.**
- 5) Go to System Settings. Select *Calibration / EC*. Now select the correct calibration number that matches the cal solution you are using. Press Enter.
- 6) When complete with the calibration, the probe should read correctly.

NOTE: If the controller displays Out of Range, there might be a problem with the probe. Contact Trolmaster Tech support.

**If you are still having problems, call TrolMaster Tech Support @ 877-420-9876**