PPH-2

Inline pH Sensor

The TrolMaster pH probes provide accurate and reliable monitoring on the pH of the water being monitored by the Aqua-x. The PPH-2 probe is a commercially rated probe and it connects to the Aqua-x via the AMP-2. It is intended to be used inline with existing pvc piping and also can be placed into an water tank.

Specifications

PPH-2

Package Contents

Inline pH Sensor	1pc

Working Environments

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

Package Dimensions

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

Range

Range	pH 0-14

Accuracy

Accuracy	pH ±0.2

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RoHS

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