PPH-3

Drop-in/inline Heavy Duty Nutrient pH Sensor

The PPH-3 is a Heavy Duty pH Sensor designed to measure acidity/basicity pH value in liquid solution.

PPH-3 sensor features an improved sensor element for an even more stable and reliable performance. Reduced length, diameter and a threaded body enable the PPH-3 sensor to fit into standard ¾" PVC tee fittings and other tight spaces in both drop-in or inline usage.

PPH-3 sensor can be connected to the Aqua-X maincontroller via AMP2 sensor board module; or the Aqua-X Pro maincontroller via the AMP-3 sensor board module.

***CAUTION:** PHH-3 sensor probe must be wet at all times to maintain its best condition; a dried sphere sensor can cause the PPH-3 sensor to become defective.

Specifications

PPH-3

Package Contents

PPH-3 EC & Temp Sensor	1pc

Output

Connector	BNC male connector

Range

Range	pH 0-14

Working Environments

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

EC Accuracy

EC Accuracy	± 1%

Accuracy

Accuracy	pH ± 0.2

Package Dimensions

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

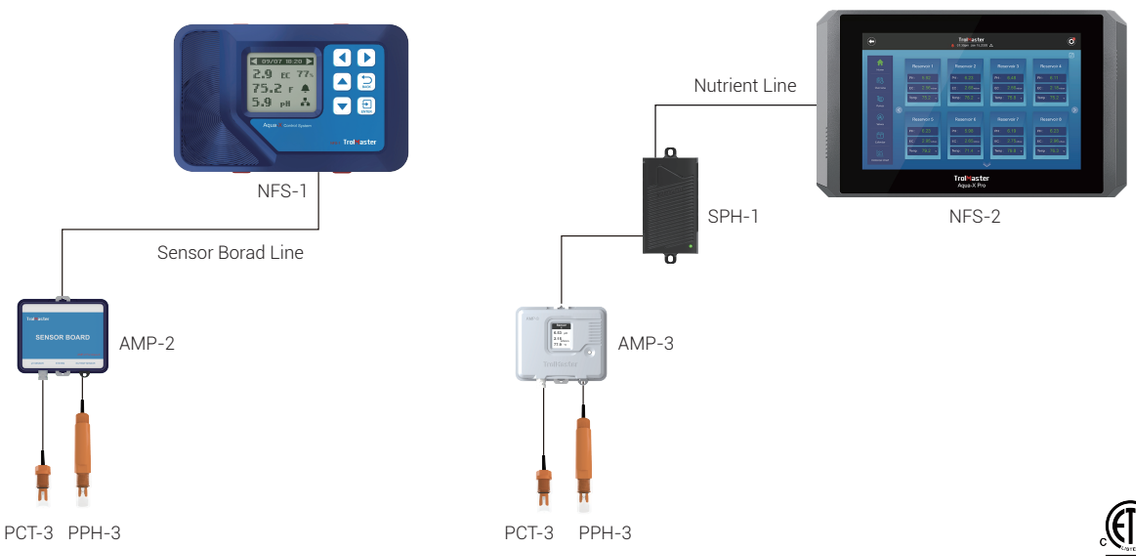
Temp Accuracy

Temp Accuracy	± 1°F

Link Up

PPH-3

CONNECTION DIAGRAM



Intertek 5008191 RoHS

TrolMaster

Email: support@thinkgrow.com
Phone: 877-420-9876

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

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