

LOGGER, TRANSMITTER & CONTROLLER





GrowControl PHX and PHX+ are precision digital sensor transmitters for temperature and pH, plus optional ORP. Color LCD display and button interface model allows instant access to sensor readings, guided calibration, alarms, historical graphing and more.

Internal memory logs over 20,000 data points per sensor. Connects to Agrowtek's GrowControl Cultivation Controllers as part of a complete facility control solution. Available with WiFi module for stand-alone or remote monitoring, data logging, alerts, and more.







LX1 USB AgrowLink connects the GrowNET™ port to a PC with free PC software for datalog download, graphing, calibration, configuration, firmware updates, etc. LX2 ModLINK connects GrowNET™ devices to RS-422/485 for MODBUS RTU protocol communication.

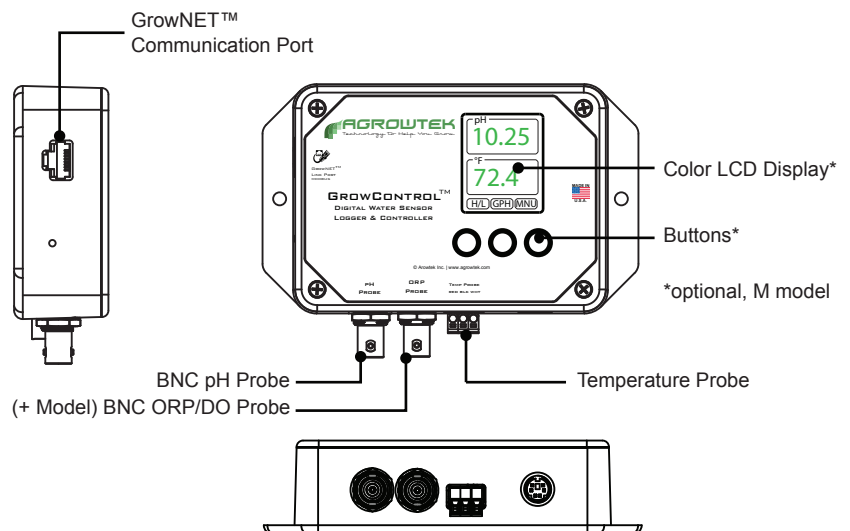
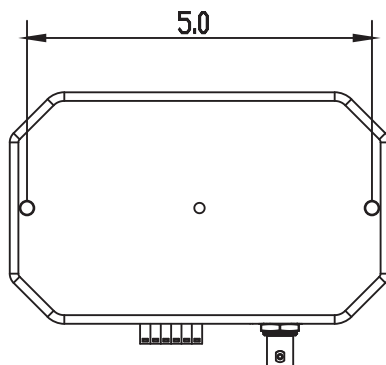


Sensors

-  Water Temperature
-20 - 60°C x 0.1°
-  pH
0 - 14pH x 0.01pH
-  Color LCD display for sensor monitoring & graphing *optional*
-  Real Time Clock (RTC)
Battery Backup Included

Features

-  WiFi optional for direct sensor monitoring and web portal connection
-  GrowNET™ port for connection to AgrowDose Pumps, LX1 USB link or LX2 ModLINK
-  MODBUS RTU for industrial PLC applications
Available 4-20mA analog outputs
-  Durable splash-proof ABS plastic enclosure
Conformal coated circuit boards
-  1-Year Warranty
-  Made in USA



Compatible



Typical Applications



Greenhouses & Indoor Growing Facilities



Industrial Processes, PLC's



Pool & Spa



Aquarium

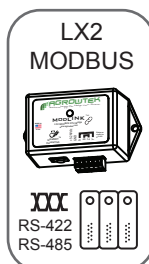
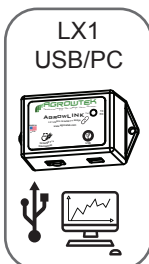
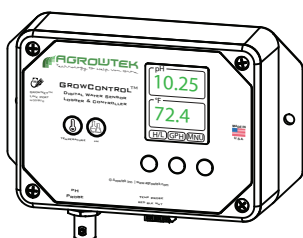


Analytical, Data Logging research & academic applications



OEM & custom applications

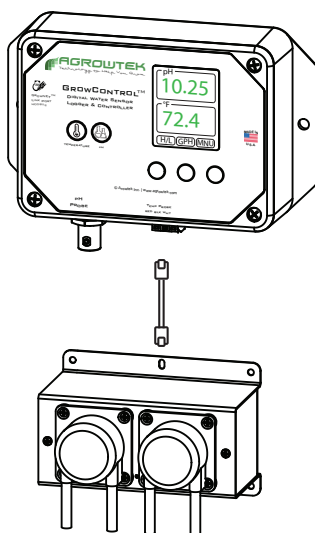
Stand Alone



Use as a basic monitor or connect directly to a computer using the LX1 USB AgrowLINK and free PC software for data logging and email alerts. *API and C# demo code available for custom applications.*

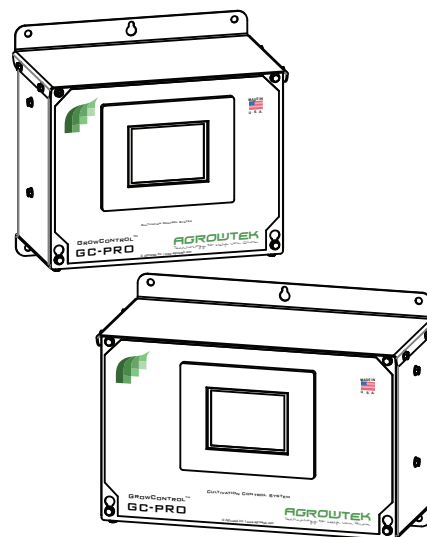
Add the WiFi option to monitor the sensor directly from any web browser, or link the sensor to your Agrowtek web portal account.

MPX Dosing Controller



Combine a PHX sensor and AgrowDose pump to form a powerful and economical automatic pH and ORP dosing system. Configure basic dosing functions on the sensor screen to operate a dosing pumps without a controller. Log data to the internal memory or web portal, send email alerts and more.

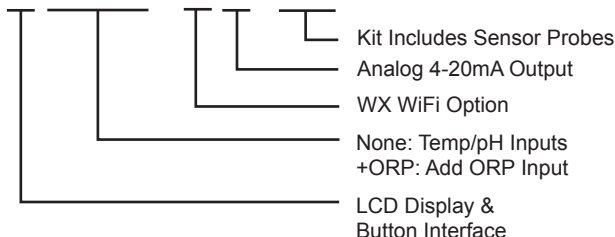
Master Controller



Connect to GrowControl Cultivation Controllers for advanced functions as part of a complete facility control solution. GrowControl systems are loaded with intelligent control functions optimized for today's complex growing environments.

Ordering Options

PHXM +ORP - W T - KIT



Optional Accessories



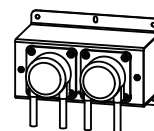
LX1
USB AgrowLINK



LX2
RS-422/485 ModLINK



HX8
GrowNET 8-Port Hub



AD
AgrowDose Peristaltic Dosing Pumps