

Logger, Transmitter & Controller

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

Connects to Agrowtek's GrowControl™ GCX Cultivation Controllers as part of a complete facility dosing control solution, or to AgrowDose ADi series peristaltic chemical pumps to form a mini pH dosing system.

LX1 USB AgrowLink connects the GrowNET™ port to a PC with free software for 20,000 data point log download, graphing, calibration, configuration and firmware updates. LX2 ModLINK™ connects GrowNET™ devices to RS-485 for MODBUS RTU with PLC's.



Spear-Tip Rockwool pH Probe (optional)

NEW pH probes with spear tip for insertion into rockwool media allow continuous monitoring of pH in rockwool growing media. Recommended minimum 40% VWC for continuous use. May be used for spot measurement in soil or coco coir media.

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



GrowNET™ port for connection to AgrowDose Pumps, LX1 USB link or LX2 ModLINK



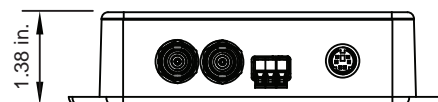
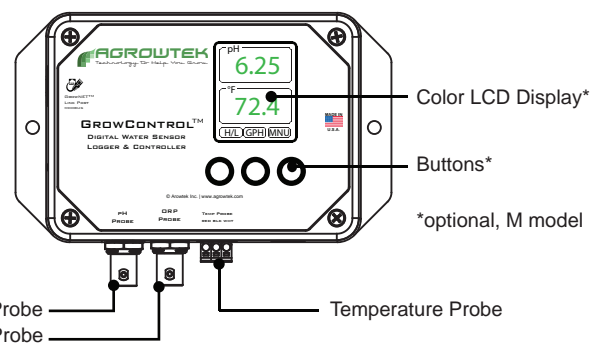
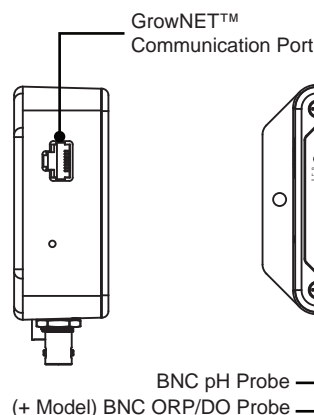
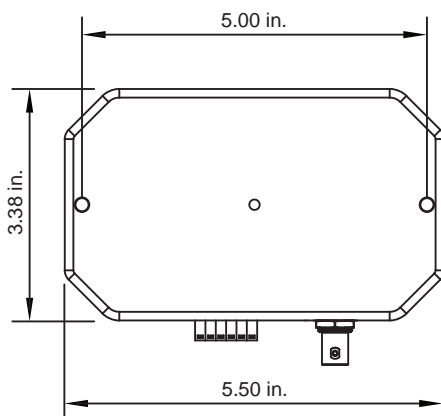
MODBUS RTU for industrial PLC applications
Available 4-20mA analog outputs



Durable ABS plastic enclosure
Conformal coated circuit boards



Made in USA



Applications



Greenhouses & Indoor Growing Facilities



Industrial Processes, PLC's



Pool & Spa



Aquarium



Analytical, Data Logging research & academic applications



OEM & custom applicatoins

GrowControl™ GCX Controller



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

Mini Doser



Control up to a four-head AgrowDose ADi dosing pump with the PHX controller (also known as the MPX dosing system.) Use the intuitive menu interface to configure the target values, assign pumps and dose sizes, calibrate sensors and more. Simple and reliable system automatically maintains your pH (and ORP) levels in a reservoir.

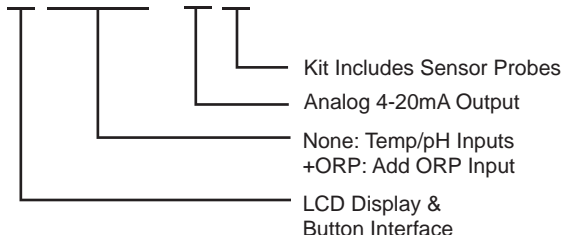
MODBUS



GrowNET™ devices are easy to implement on PLC systems with MODBUS RTU and a LX2 ModLINK interface. Multiple GrowNET™ devices can be connected to an interface with HX8 GrowNET™ hubs.

Ordering Options

PHXM +ORP - T K



Optional Accessories



LX1
USB
AgrowLINK™



LX2
RS-485
ModLINK™



HX8
GrowNET™
Device Hub