







GrowControl SXH is a precision digital sensor transmitter for temperature, pH, conductivity. SXH+ model includes optional oxidation reduction potential probe input. Optional color LCD display and button interface allows instant access to sensor readings, guided calibration, alarms, historical graphing and more. Precision electronics with fully isolated probes for reliability in harsh conditions.

Connects to Agrowtek's GrowControl™ GCX Cultivation Controllers as part of a complete facility dosing control solution. LX2 ModLINK™ connects GrowNET™ devices to industrial MODBUS RTU protocol.






Internal memory logs over 20,000 data points per sensor. Optional LX1 USB AgrowLink connects the GrowNET™ port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, etc. using free PC software.

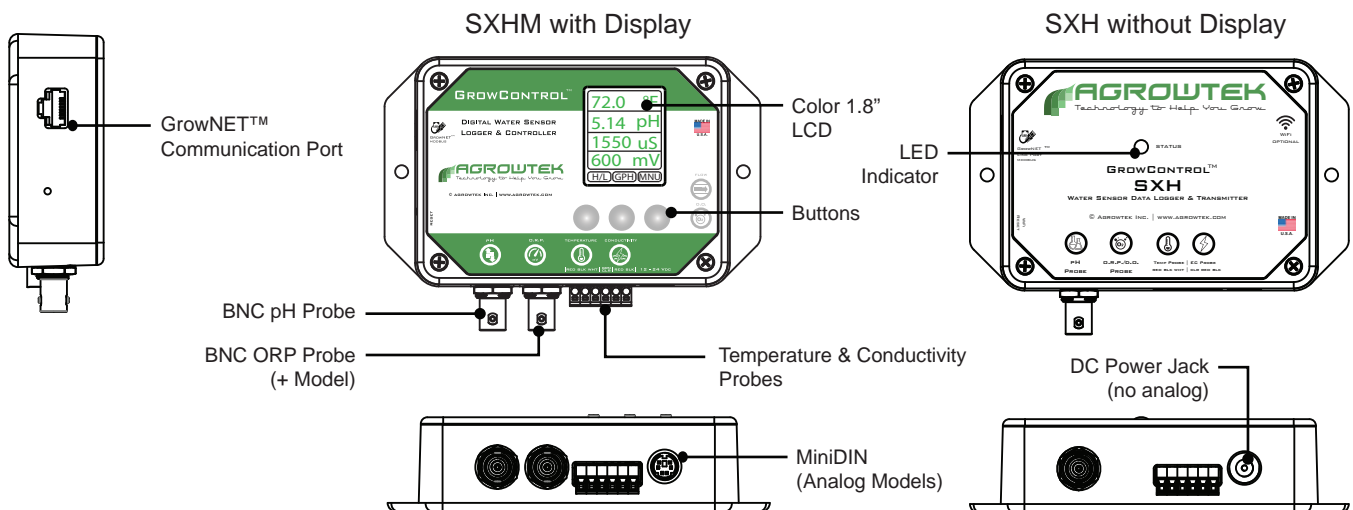


Sensors

-  Water Temperature
-20 - 60°C x 0.1°
-  Conductivity
0 - 7000uS x 10uS (Standard)
0 - 80,000uS x 10uS (High EC option)
-  pH
0 - 14pH x 0.01pH
-  ORP (+ model)
+/-1000mv x 1mV
-  Color LCD display for sensor monitoring & graphing *optional*
-  Real Time Clock (RTC)
Battery Backup Included

Features

-  GrowNET™ connection to AgrowDose™ Pumps or GrowControl™ GCX controllers
-  Available 4-20mA analog outputs
MODBUS RTU for industrial PLC applications
-  Durable splash-proof ABS plastic enclosure
Conformal coated circuit boards
-  1-Year Warranty
-  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 6-head AgrowDose™ ADi dosing pump with the SXHM controller (also known as the MDX 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, ORP and nutrient levels in a reservoir.

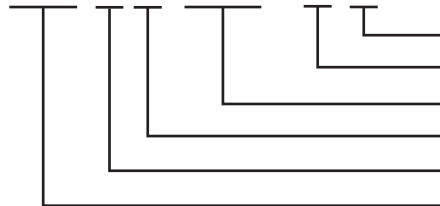
MODBUS



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

SXH M B +ORP - T K



- Kit Includes Sensor Probes
- Analog 4-20mA Output
- ORP: ORP Probe Input Option
- High EC (Salt Water) Option
- LCD Display & Button Interface
- Temperature, Conductivity, pH

Optional Accessories



LX1
USB
AgrowLINK™



LX2
RS-485
ModLINK™



PBX
Plumbing
Manifolds