







GrowControl SXH is a precision digital sensor transmitter for temperature, pH, conductivity. SXH+ includes optional oxidation reduction potential or dissolved oxygen probe input. Optional color LCD display and button interface allows instant access to sensor readings, guided calibration, alarms, historical graphing and more.

Internal memory logs over 20,000 data points per sensor. Available with WiFi module for remote monitoring, data logging, alerts, and more. LX1 USB AgrowLink connects the GrowNET port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, etc. using free PC software.







Connects to Agrowtek's GrowControl Cultivation Controllers as part of a complete facility control solution. LX2 ModLINK connects GrowNET™ devices to RS-422/485 for MODBUS RTU protocol.

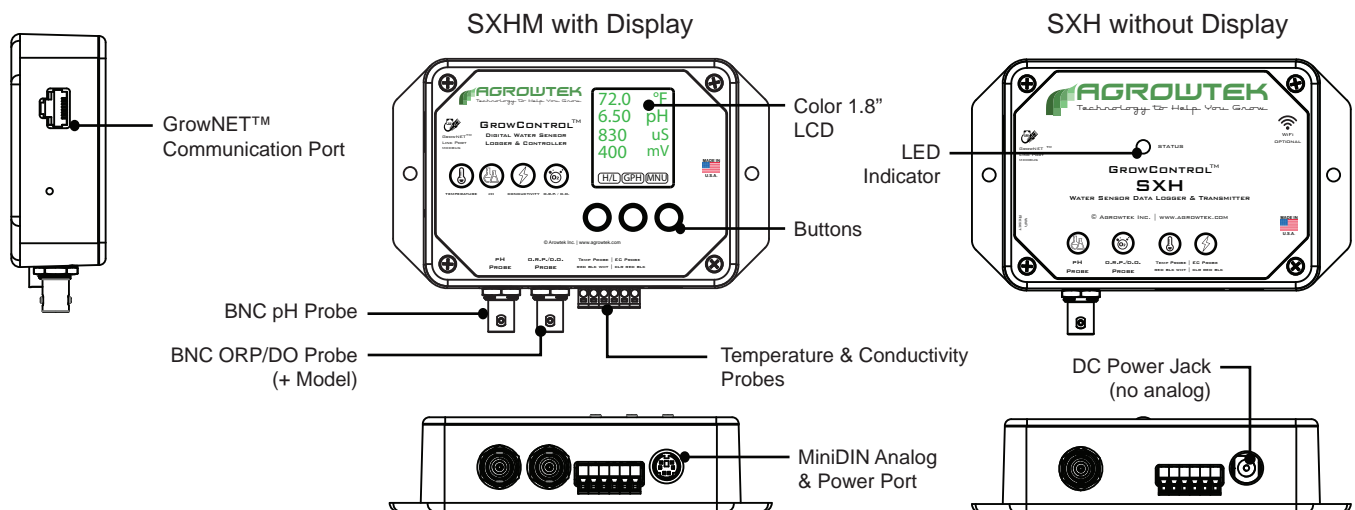


Sensors

-  Water Temperature
-20 - 60°C x 0.1°
-  Conductivity
0 - 5000uS x 10uS
-  pH
0 - 14pH x 0.01pH
-  ORP or DO (+ model)
+/-1000mv x 1mV
0 - 20mg/mL x 0.1mg/mL
-  Color LCD display for sensor monitoring & graphing *optional*
-  Real Time Clock (RTC)
Battery Backup Included

Features

-  WiFi optional for direct sensor monitoring
-  GrowNET link for connection to AgrowDose Pumps or GrowControl™ master controller
-  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



Aquarium



Industrial Processes, PLC's



Analytical, Data Logging research & academic applications



Pool & Spa



OEM & custom applicatoins

PLC / OEM



LX1
USB/PC



LX2
MODBUS



Mini Controller



Master Controller



Connect a device to a PLC using the LX2 ModLINK™ or to a computer using the LX1 USB AgrowLINK™.

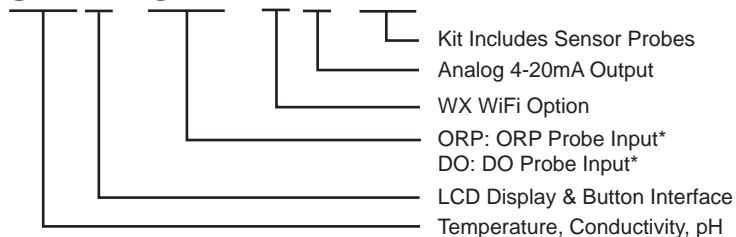
Agrowtek's intelligent devices are convenient and easy to implement with MODBUS RTU for advanced addressable communication. Use HX8 GrowNET™ hubs to network multiple devices to a single LX link module.

Control up to a five-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.

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

SXHM +ORP - W T - KIT



*software selectable in field

Optional Accessories



LX1
USB
AgrowLINK™



LX2
RS-485
ModLINK™



HX8
GrowNET™
Device Hub