

High Precision | Extended Range

GrowControl™ SXO series digital sensor transmitters and controllers for dissolved oxygen feature a high precision probe that uses optical technology. Optical probes offer high precision and reliability with long calibration intervals. Ideal for hydroponics and applications with oxygenation or nano-bubbles.

Color LCD display and button interface model allows instant access to sensor readings, alarms, historical graphing and more.

Connects to Agrowtek's GrowControl™ GCX Cultivation Controllers for advanced data logging and equipment control. LX1 USB AgrowLink connects the SXO to a PC for calibration, configuration, firmware updates, etc.

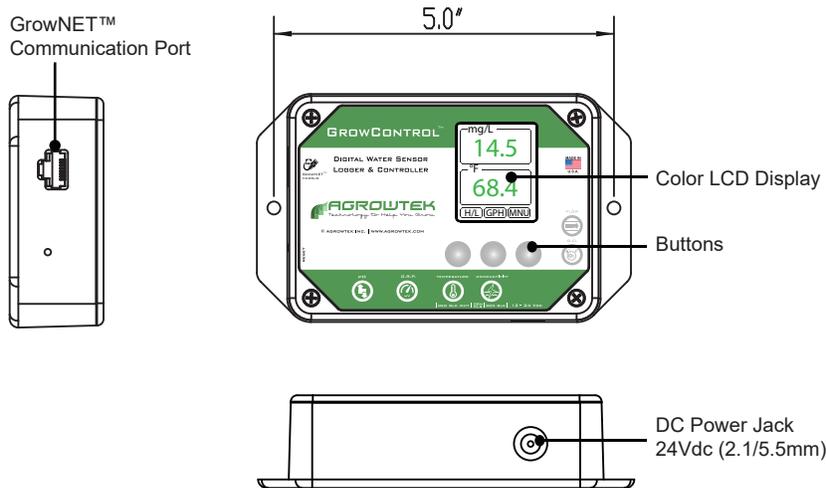
Use with LX2 ModLINK™ to connect the SXO monitor to RS-485 for MODBUS RTU protocol communication with PLC's and custom controls.



Features

-  Dissolved Oxygen
0-50mg/L (optical)
-  Color LCD display for sensor monitoring & graphing
-  Real Time Clock (RTC)
Internal Backup
-  SXO Transmitter
Made in USA
-  GrowNET™ port for connection to GCX, LX1 USB link or LX2 ModLINK
-  MODBUS RTU for industrial PLC applications
-  Durable ABS plastic enclosure
Conformal coated circuit boards
-  1-Year Warranty

Physical Details



Sensor probe is designed for full immersion.

SX02

Optical Dissolved Oxygen Monitor

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.

MODBUS



GrowNET™ devices are easy to implement on PLC systems with MODBUS RTU. The LX2 ModLINK™ interfaces GrowNET™ devices with serial RS-485. Multiple GrowNET™ devices can be connected to an LX2 by adding HX8 GrowNET™ hubs.

Ordering Options

SXOM2 - K



Optional Accessories



LX1

USB
AgrowLINK™

LX2

RS-485
ModLINK™

Note:

LX1 is required to program new sensor cap calibration if no GCX system is available.