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Product UPC, shipping weight and package dimensions are listed with each item.
Cultivation Control Systems

GrowControl™ cultivation control systems are designed from the ground-up to be the most flexible, advanced climate and dosing control solution that modern, demanding growers can depend on. Automate your heating, cooling, lighting, vents, curtains, pumps, timers, nutrient dosing, pH dosing, and much more!

Built with Agrowtek’s exclusive “Flexnology™” which allows the user to tailor the controller’s functions precisely to their requirements. A large ‘tool box’ of control functions is provided to design and build your custom control strategy with ease. Includes all of the standard intelligent functions you would expect in a climate control system.

GrowControl™ GCX is equipped with a 10.1” touch screen and is capable of connecting up to 100 GrowNET™ devices.

GrowControl™ GCX+ is equipped with a 15.6” touch screen and is capable of connecting up to 200 GrowNET™ devices.

GrowControl™ systems connect to various sensors, I/O and accessories to form a network of smart devices to control the environment. Devices connect simply using standard RJ45/Ethernet cabling. HX8 GrowNET™ hubs expand the GrowNet™ network.

Sensors

GrowControl™ precision digital sensors provide GCX systems with data on the indoor and outdoor environments, nutrient water, liquid levels and more. The sensor values are used to control equipment in the environment, log data and send email alerts.

I/O Modules, Relays

GrowControl™ relays interface GCX systems with equipment. Mix and match various types of relays depending on the type of connections required. Options include outlet relays, wet/dry contacts, fwd/rev motor controllers and more.

Dosing Pumps

AgrowDose™ pumps allow GCX systems equipped with hydroponics sensors to automate nutrient and pH dosing functions.
The cultivation control solution that modern growers can depend on for reliability and flexibility to meet challenging requirements. Manage, monitor, and control all aspects of your facility’s climate equipment and hydroponics systems including: automatic dosing, irrigation, lighting dimming, HVAC and more. Always be in control with remote access, and always be aware of potential problems immediately with onboard email and sms alerts.

Managing even the most complex environments is a simple task with a sleek and intuitive interface, extensive control programming capabilities and robust, easy-to-install hardware. As many as 100 Agrowtek GrowNET™ devices can be connected to the GCX system, and 200 GrowNET™ devices can be connected to the GCX+ system. Devices connect using standard Ethernet cable for robust and economical installation.

Built on over a decade of commercial experience, Agrowtek’s GCX controllers are the most advanced and economical in the industry. Large scalability allows a facility to start simple and add devices as needs change.

Details
- High Reliability GrowNET™ Digital Devices
- 100/200 GrowNET™ Device Capacity
- High Resolution, Easy-to-Use Modern Interface
- Highly Flexible Programming, Simple to Configure
- Powder-Coated Aluminum Enclosure
- Industrial Components for Long Life/Reliability
- Designed & Manufactured in the U.S.A.!
- Full 3-Year Factory Direct Warranty

Standard Functions
- Lighting (Timers, Dimming)
- Temperature (Heating, Cooling, Evaporative, A/C)
- Humidity (Dehumidification, Fogging)
- Timers (24 Hour, Cycle, Irrigation, etc.)
- CO2 ppm (Injection, Exhaust, Alarms)
- Motor Position Controls (Curtains, Ridge Vents, etc.)
- Nutrient & pH Dosing
- Advanced Logic, Math, Recipies & more!

GrowControl™ GCX Cultivation Controller
UPC: 813474021903 4 lb (14x14x4)  GCX $2,499.00
GrowControl™ GCX+ Cultivation Controller
UPC: 813474021910 4 lb (18x16x4)  GCX+ $3,999.00

Options
USB WiFi Module for GCX/BDX
UPC: 813474021477 0.2 lb (2x2x4)  USB-WIFI $59.00
Climate & Weather Sensors

Agrowtek's precision digital electronic climate sensors for GrowControl™ systems provide high accuracy and reliability with an impressive array of features ideal for many different types of applications. Climate and weather sensors feature an aspirated temperature and humidity sensor, light sensor and optional CO2 ppm sensor. Weather stations may also be equipped with wind speed and direction sensors.

SXE Indoor Environment Sensor

GrowControl™ SXE Environment Sensor & Data Logger is a precision digital indoor sensor featuring temperature, humidity, ambient light and optionally CO2 ppm. Fan aspirated for continuous accuracy with removable air filter. Bright color display and 3-button interface make this unit capable of operating stand-alone for sensor monitoring, or connect to Agrowtek’s GrowControl™ systems for advanced environmental control solutions.

Internal memory logs 20,000+ data points for months or years of storage. Accurate real-time-clock with battery backup keeps log time accurate during power outages. USB AgrowLink connects the GrowNET™ port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, and more using free PC software. Alarm set points can be configured to activate an internal buzzer to alert operators.

Full color display screen features large, bright green sensor readings for easy visibility, plus a range of functions that can be performed directly from the menus including high/low history, graphical history, alarm set points & buzzer, sensor calibration, data logging options and more.

Made in USA.

GrowControl™ SXE Indoor Environment Sensor

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</table>

SXE Instruction Manual

SXE Data Sheet
SXC Indoor Climate Sensor

**Plant Canopies | Temperature | Humidity | Light | CO2**

GrowControl™ SXC Climate Sensor is a precision digital indoor sensor featuring temperature, humidity, ambient light and optionally CO2 ppm. Designed for hanging above plant canopies in greenhouses and indoor facilities for environmental control. Fan aspirated for continuous accuracy with removable air filter. Connect to Agrowtek’s GrowControl™ Control systems for advanced environmental control solutions.

Internal memory logs 20,000+ data points for months or years of storage. Accurate real-time-clock with optional battery backup keeps log time accurate during power outages. USB AgrowLink connects the GrowNET™ port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, and more using free PC software.

Made in USA.

**GrowControl™ SXC Indoor Climate Sensor**

**Options**

- **CO2 ppm Sensor 0-2000ppm**
  - **SXC-002**
  - **SX-CO2**
    - **$99.00**
  - **UPC: 813474020111**

- **WiFi Module**
  - **WX**
    - **$199.00**
  - **UPC: 813474021477**

**SXC Data Sheet**

**SXC Instruction Manual**

SXW Weather Station Sensor

**Outdoor | Temperature | Light | Wind Speed & Direction**

GrowControl™ SXW Weather Monitor & Logger is a precision digital outdoor sensor station featuring temperature, ambient light, and optionally wind speed anemometer and wind direction vane. Housed in a rugged stainless steel enclosure and designed for pole or wall mounting. Internal memory logs 20,000+ data points for months or years of storage. Accurate real-time-clock with optional battery backup keeps log time accurate during power outages. USB AgrowLink connects the GrowNET™ port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, and more using free PC software. Made in USA.

**Wind Speed Anemometer**

Wind speed anemometer with 3 cup rotor measures wind speeds from 1 to 125 MPH. Extremely rugged for harsh conditions and sensitive to the slightest breeze. Simple two-wire connection to transmitter.

**Wind Direction Vane**

Wind vane uses German Hall effect sensor for precision and durability. Many potentiometer type wind vanes have a dead spot of several degrees, friction from the sensor and a defined life span. Agrowtek’s wind vanes have zero dead band, are near-zero friction and have a theoretical infinite life.

**GrowControl™ SXW Outdoor Weather Sensor**

**Options**

- **Wind Speed Anemometer Sensor**
  - **SX-A**
    - **$149.00**
  - **UPC: 813474020463**

- **Wind Direction Vane Sensor**
  - **SX-V**
    - **$249.00**
  - **UPC: 813474020470**

- **WiFi Module**
  - **WX**
    - **$199.00**
  - **UPC: 813474021477**

**SXW Data Sheet**

**SXW Instruction Manual**
Hydroponics & Water Sensors

Precision digital water chemistry sensor transmitters, data loggers and peristaltic pump controllers are available for GrowControl™ systems in a variety of configurations depending on the sensor inputs and display required.

**GXH Nutrient Monitor & Logger**

**Up to Five Sensor Inputs | Large Display | Data Log Download**

GrowControl™ GXH is a precision digital sensor transmitter, data logger, monitor and controller featuring temperature, pH, and conductivity sensors for water. Also available with oxidation reduction potential and dissolved oxygen sensor inputs. Standard large 3.5” display and 3-button interface makes this unit capable of operating stand-alone for sensor monitoring, alarms, graphing, on-site calibration, and more. Digital electronics with isolated inputs accurately read and record sensor data.

Internal memory logs 20,000+ data points per sensor for months or years of storage. USB AgrowLink connects the GrowNET™ port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, and more using free PC software. LX2 ModLINK interface connect to RS-485 networks using standard MODBUS protocol.

Color display screen features large, bright green sensor readings for easy visibility, plus a range of functions that can be performed directly from the menus including high/low history, graphical history, alarm set points and buzzer, sensor calibration, data logging options and more.

Made in USA.

**GrowControl™ GXH Nutrient Monitor (Temp/pH/EC)**

- UPC: 813474021927
- 4 lb (12x12x6)
- **GXH** $1,099.00

**GrowControl™ GXH+ORP Nutrient Monitor (Temp/pH/EC/ORP)**

- UPC: 813474021934
- 4 lb (12x12x6)
- **GXH+ORP** $1,299.00

**GrowControl™ GXH+ORP Nutrient Monitor (Temp/pH/EC/DO)**

- UPC: 813474021941
- 14 lb (12x12x6)
- **GXH+DO** $1,439.00

**GrowControl™ GXH++ Nutrient Monitor (Temp/pH/EC/ORP/DO)**

- UPC: 813474021958
- 4 lb (12x12x6)
- **GXH++** $1,639.00

**Options**

**External WiFi Module (coming soon)**

- UPC: 813474021767
- 0.6 lb (3x4x2)
- **EWX** $199.00
SXH Hydroponics Transmitter & Controller

Temperature | pH | Conductivity | ORP/DO

GrowControl™ SXH is a precision digital sensor transmitter, data logger, monitor and controller featuring temperature, pH, and conductivity sensors for water. SXH+ model also includes an oxidation reduction potential or dissolved oxygen sensor input. Optional bright color display and 3-button interface make this unit capable of operating stand-alone for sensor monitoring, alarms, graphing, on-site calibration, and more. Digital electronics with isolated inputs accurately read and record sensor data.

Internal memory logs 20,000+ data points per sensor for months or years of storage. USB AgrowLink connects the GrowNET™ port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, and more using free PC software. LX2 ModLINK interface connect to RS-485 networks using standard MODBUS protocol.

Full color display screen features large, bright green sensor readings for easy visibility, plus a range of functions that can be performed directly from the menus including high/low history, graphical history, alarm set points and buzzer, sensor calibration, data logging options and more. Made in USA.

Sensor probes included in pricing below.

Without Display

**GrowControl™ SXH Temp, pH, EC Transmitter (for GC-Pro/XL)**

| SXHK | $599.00 |

**With Display**

**GrowControl™ SXH Temp, pH, EC Transmitter**

| SXHMK | $668.00 |

**GrowControl™ SXH+ Temp, pH, EC + ORP Transmitter**

| SXHMK+ORP | $867.00 |

**GrowControl™ SXH+ Temp, pH, EC + DO Transmitter**

| SXHMK+DO | $1,007.00 |

**Options**

**WiFi Module (coming soon)**

| WX | $199.00 |

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SXH Data Sheet  
SXH Instruction Manual

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PHX pH Transmitter & Controller

**pH | Temperature | ORP/DO**

GrowControl™ PHX is a precision digital sensor transmitter, data logger, monitor and controller for pH and temperature sensors. PHX+ model includes an ORP/DO input. Optional bright color display and 3-button interface make this unit capable of operating stand-alone for sensor monitoring, alarms, graphing, on-site calibration, and more. Digital electronics with isolated inputs accurately read and record sensor data.

Internal memory logs 20,000+ data points per sensor for months or years of storage. USB AgrowLink connects the GrowNET™ port to a PC using free PC software. LX2 ModLINK interface connect to RS-485 networks using standard MODBUS protocol.

Full color display screen features large, bright green sensor readings for easy visibility, high/low history, graphical history, alarm set points and buzzer, sensor calibration, data logging options and more.

PHX+ option adds an ORP or DO probe input/dosing control to the PHX transmitter. Ideal for sanitation applications including pools, industrial process water, washing systems, aquariums, aquaponics and more. Made in USA.

**With Display**

**GrowControl™ PHX pH, Temp Transmitter with Probes**

PHXMK  $479.00

**GrowControl™ PHX+ pH, Temp + ORP Transmitter with Probes**

PHXMK+ORP  $678.00

**GrowControl™ PHX+ pH, Temp + DO Transmitter with Probes**

PHXMK+DO  $818.00

**Options**

**WiFi Module (coming soon)**

WX  $199.00

[PHX Data Sheet](#)  [PHX Instruction Manual](#)
AgrowDose™ Peristaltic Dosing Pumps

AgrowDose peristaltic pumps are a self-priming, non-contact design for metering concentrated nutrients, pH buffers and other chemicals into stock tanks.

How do Peristaltic Pumps Work?
A U-shaped piece of tubing is squeezed by rotating rollers to create suction on one end of the tube and pressure on the other end (similar to squeezing a tube of paste.) The fluid stays inside of the tubing and makes no contact with other parts of the pump. The pumps are self-priming and produce up to 20 psi of pressure on the output line. The design is rugged and capable of pumping both thick and thin viscosity fluids.

All of Agrowtek’s pumps are constructed with FDA compliant tubing and are made in the U.S.A. with proven motors, gear boxes and pump heads for long, reliable life.

ADi AgrowDose™ Digital Intelligent Dosing Pumps

Precision | Durability | Economy

AgrowDose™ ADi series “intelligent” dosing pumps are digitally controlled, variable speed capable next-generation pumps for use with Agrowtek’s SXHM hydroponics sensors as an autonomous pH & EC dosing system.

ADi pump motors operate independently at variable speeds (up to 50mL/min) when connected to intelligent control devices such as Agrowtek’s SXHM hydroponics sensor or from a computer using the LX1 USB AgrowLINK for batch dosing.

GrowNET™ port allows digital communication to PC with LX1 USB AgrowLINK, and can communicate via MODBUS on RS485 for PLC applications.

Replaceable pump head offers fast, easy maintenance.

Made in USA.

ADi Intelligent dosing pumps feature the digital MODBUS RTU communication protocol.

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<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tr>
<td>AD1i</td>
<td>Single Intelligent Dosing Pump</td>
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<td>AD2i</td>
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Digital Intelligent I/O Modules

Agrowtek’s digital “intelligent” relays allow GrowControl™ “mini” systems to switch power on or off to equipment. Intelligent relays feature microprocessor-based control with MODBUS capabilities, relay cycle counts, optional WiFi connectivity and more.

RX Series
RXi relays feature 120V receptacles controlled by independent relays for plug operated equipment.

RD Series
RDi relays have independent dry-contacts for HVAC, irrigation, contactor panels and more.

MX Series
MXi motor control relays operate reversible motors for shade cloths, ridge vents, side wall motors, etc.

VX Series
VX12 and VX8 modules feature transistor (wet) outputs for irrigation valves, PWM and analog inputs (DX12.)

DX Series
DXIO Din-rail mounted modules with transistor (wet) outputs, analog inputs and mixed IO.

RX1i Intelligent Single Outlet Relay
120V Controlled Outlet | Plug into Wall Outlet

Convenient single relay-controlled outlet to be operated by GrowControl™ cultivation control systems. Control any piece of equipment up to 12A/120V. Red LED indicator light turns on when AC power is activated to the receptacle. RX1i can be located in any standard wall outlet and easily moved as needed.

Digital GrowNET™ port allows MODBUS protocol control on RS485 bus networks for custom applications.

UL flame rated enclosure & fully grounded for safety. Made in USA.

RX1i Digital Intelligent Single Outlet Relay, 120V 12A
RX1i $149.00

UPC: 813474021521 0.6 lb (5x3x3)
**RX4 Intelligent Quad Outlet Relay**

**Four 120V Outlets | Independent Relays | LED Indicators**

Convenient quad relay-controlled outlet module with independent outlets. Control equipment up to 15A/120V. Red LED indicator lights turn on when AC power is activated to the receptacles. RX4i can be ordered with the power cord kit for connection to any 120V wall outlet, or can be hard wired using the standard 1/2” EMT knock-outs for conduit.

Digital GrowNET™ port allows MODBUS protocol control on RS485 bus networks for custom applications. Internal memory logs the life cycle count on each relay. Made in USA.

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**RD8 Intelligent Dry Contact Relay**

**Eight Dry Contact Points | Contactors | HVAC | Irrigation**

Versatile eight relay-controlled dry-contact terminal module. Control equipment up to 10A/120V per terminal. Designed for integration with contactor panels for lighting and high current equipment, HVAC signals, irrigations solenoids, etc.

Red LED indicator lights turn on when relay coils are activated and contacts are closed. Includes standard 1/2” EMT knock-outs for conduit installation. Compatible with 12-24Vdc power supply.

Digital GrowNET™ port allows MODBUS protocol control on RS485 bus networks for custom applications. Internal memory logs the life cycle count on each relay. Made in USA.

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**VX8 Intelligent Irrigation Valve Controller**

**Eight Transistor Outputs | Irrigation Controller**

Valve controller module with eight (8) 1-Amp transistor (FET) outputs for operating DC powered solenoid and irrigation valves. Operates Agrowtek’s irrigation valves and other standard 24Vac irrigation valves.

Red LED indicator lights turn on when outputs are activated. Includes standard 1/2” EMT knock-outs for conduit installation.

Digital GrowNET™ port allows MODBUS protocol control on RS485 bus networks for custom applications. Made in USA.
**VX12 Intelligent I/O Interface**

Eight Transistor Outputs | Four Analog Inputs | PMW

Versatile IO module with eight (8) 1-Amp transistor (FET) outputs and four (4) analog inputs selectable for 0-5V or 0/4-20mA. Six (6) of the outputs are capable of 1kHz PWM. Ideal for operating DC powered devices, relays & contactors, etc. PWM functions for integration with dimmable lighting, variable speed fans & motor controllers. Analog inputs allow SXL liquid sensor connectivity and other third-party sensor integration.

Red LED indicator lights turn on when outputs are activated. Includes standard 1/2” EMT knock-outs for conduit installation. Compatible with 12-24Vdc power supply.

Digital GrowNET™ port allows MODBUS protocol control on RS485 bus networks for custom applications. Made in USA.

![VX12i Data Sheet](image)

**VX12i Digital Intelligent I/O Interface**

- **DX12i**
- **$349.00**

**UPC:** 813474020739 3 lb (7x6x3)

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**MX1 Intelligent Motor Relay**

Forward / Reverse Control | Ridge Vents | Roll-ups | Curtains

Tough and intelligent reversible motor controller for AC or DC motors. Control motors up to 8A/120V. Designed for control of ridge vent, roll-up and shade cloth gear motors.

Selector knob on front of relay allows automatic operation, manual operation or off mode. Red LED indicator lights turn on when forward or reverse relays are activated. Built-in 3-second delay prevents accidental damage to motors. Internal memory logs the life cycle count on each relay.

Includes standard 1/2” EMT knock-outs for conduit installation. Compatible with 12-24Vdc power supply. Digital GrowNET™ port allows MODBUS protocol control on RS485 bus networks for custom applications. Made in USA.

![MX1i Data Sheet](image)

**MX1i AC Digital Intelligent Motor Relay, 120Vac, 8A**

- **MX1i-AC**
- **$399.00**

**UPC:** 813474020746 3 lb (7x6x3)

**MX1i DC Digital Intelligent Motor Relay, 30Vdc, 8A**

- **MX1i-DC**
- **$399.00**

**UPC:** 813474020753 3 lb (7x6x3)
DXIO Intelligent DIN-Rail I/O Modules

Versatile DIN-Rail mounted IO modules with a variety of I/O options. Designed for cabinet integration to drive relays, contactors, speed controllers and other equipment in a panel. Compact form factor saves panel space and I/O cost relative to other I/O modules.

Three (3) models are available with a mix of:

• 1-Amp transistor (FET) outputs (up to 6x 1kHz PWM)
• Analog inputs selectable for 0-5V or 0/4-20mA
• Dry-contact form-C relay outputs

Compatible with 12-24Vdc power supply.

Digital GrowNET™ port allows MODBUS protocol control on RS485 bus networks for custom applications.

Made in USA.

Model Options:

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<th>Model</th>
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DXIO Digital Intelligent I/O Module
UPC: 813474021965  1 lb (5x4x2)
DXIO $299.00

DXI8 Digital Intelligent I/O Module
UPC: 813474021972  1 lb (5x4x2)
DXI8 $299.00

DXO8 Digital Intelligent I/O Module
UPC: 813474021989  1 lb (5x4x2)
DXO8 $299.00
GrowNET™ Device Hubs

GrowNET™ hubs expand the GrowNET™ digital communication bus with additional device ports. GrowNET™ hubs operate on industrial full-duplex topology at high speed and are compatible with MODBUS applications. Buffered ports provide robust data transmission over long distance and repeated connections.

RJ45 ports allow simple connection to any Agrowtek device with a GrowNET™ port using standard, straight-through Ethernet cables. A DC jack and wall adapter powers the hub and ports with 24Vdc. Agrowtek's sensors and relays can be powered directly over the RJ45 connection from a hub. A terminal block power input is also available for panel mounted applications.

A ‘master’ upstream port is connected to a device such as the LX1 USB Link or LX2 ModLINK™ interface, or even a downstream port on another HX8 hub. Downstream ports then connect to various Agrowtek GrowNET™ devices including sensors, I/O modules and dosing pumps.

HX8 GrowNET™ 8-Port Hub

8-Device Hub

HX8 GrowNET hub expands any GrowNET master port into 8 more ports! Fully buffered hub provides power to all 8 ports using the DC power jack for Power-Over-GrowNET to sensors and relays for easy, single-cable connections to the devices.

Ideal for installation in each room of a facility to connect multiple devices to a single cat5 cable. Hubs can be daisy chained as required by connecting the upstream port into another HX8 downstream port.

Compatible with MODBUS communication.

Made in USA.

HX8 GrowNET 8-Port Hub

HX8 $199.00

UPC: 813474021217 1 lb (8x5x5)
Mini Climate Controllers

GrowControl™ MCX mini climate control systems are designed for simple environmental control requirements. When your facility’s needs expand, the mini systems can grow with your business by becoming a part of Agrowtek’s more advanced GrowControl™ cultivation control systems for a new life in complex growing environments.

MCX1 Climate Controller

Simple | Accurate & Flexible | Rugged

GrowControl™ MCX1 mini climate controller system senses and controls temperature, humidity and CO2 with day and night set points. The 120V outlet can be programmed for a specific sensor based control, 24-hour timer and cycle timer. A light sensor on the top of the SXE sensor detects day or night from ambient light levels. Accurate real-time-clock with battery backup keeps timers working during power outages. Precision sensors and rugged relays offer reliable and accurate control of environments large and small in an economical, easy to use package.

The SXE environment sensor’s color display provides an interface for monitoring the sensor readings and configuring the control settings. Also includes features such as high/low history, graphical history, alarm set points with buzzer, sensor calibration and more.

System includes power adapter for the environment sensor and a GrowNET™ cable kit. Made in USA.

GrowControl™ MCX1 Mini Climate Control System

MCX1  $499.00

Options

CO2 ppm Sensor Upgrade 0-10,000ppm

SX-CO2  $99.00

WiFi (coming soon)

WX  $199.00

MCX1 System Data Sheet  MCX1 System Instruction Manual
MCX4 Climate Controller

Simple | Accurate & Flexible | Rugged

GrowControl™ MCX4 mini climate controller system senses and controls temperature, humidity and CO2 with day and night set points. Each of the independent 120V outlets can be programmed for a specific sensor based control, 24-hour timer and cycle timer. A light sensor on the top of the SXE sensor detects day or night. Accurate real-time-clock with battery backup keeps timers working during power outages. Precision sensors and rugged relays offer reliable and accurate control of environments large and small in an economical, easy to use package.

The SXE environment sensor’s color display provides an interface for monitoring the sensor readings and configuring the control settings. Also includes features such as high/low history, graphical history, alarm set points with buzzer, sensor calibration and more.

System includes power adapter for the environment sensor and a GrowNET™ cable kit. A 120V power cord kit for the RX4i is optional, or wire directly to conduit from a circuit panel using the knock-outs on the bottom of the relay enclosure. Made in USA.

<table>
<thead>
<tr>
<th>GrowControl™ MCX4 Mini Climate Control System</th>
<th>MCX4</th>
<th>$699.00</th>
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<tr>
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**Options**

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<tr>
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<tr>
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MCX4 System Data Sheet  MCX4 System Instruction Manual

MCX8 Climate Controller

Simple | Accurate & Flexible | Rugged

GrowControl™ MCX8 mini climate controller system senses and controls temperature, humidity and CO2 with day and night set points. Each of the independent relay contacts can be programmed for a specific sensor based control, 24-hour timer and cycle timer. A light sensor on the top of the SXE sensor detects day or night. Accurate real-time-clock with battery backup keeps timers working during power outages. Precision sensors and rugged relays offer reliable and accurate control of environments large and small in an economical, easy to use package.

The SXE environment sensor’s color display provides an interface for monitoring the sensor readings and configuring the control settings. Also includes features such as high/low history, graphical history, alarm set points with buzzer, sensor calibration and more.

System includes power adapters for the SXE environment sensor and relay, and a GrowNET™ cable kit. Made in USA.

<table>
<thead>
<tr>
<th>GrowControl™ MCX8 Mini Climate Control System</th>
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<table>
<thead>
<tr>
<th>WiFi (coming soon)</th>
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120V/15A Power Cord Kit | CAB-120 | $44.00 |
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<tr>
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<td></td>
</tr>
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</table>

MCX8 System Data Sheet  MCX8 System Instruction Manual
Mini Dosing Systems

GrowControl™ mini dosing systems are designed for simple automated nutrient dosing requirements. When your facility’s needs expand, the mini systems can grow with your business by becoming a part of Agrowtek’s more advanced GrowControl™ cultivation control systems for a new life in complex growing environments.

GDX Nutrient Dosing System

**Multi-Recipe Memory | Large Display | Accurate & Reliable | ORP & DO Optional**

GDX automates nutrient dosing and pH control in large or small nutrient stock tanks for re-circulating or drain-to-waste fertigation systems, DWC bucket systems and more. MDX+ adds ORP sensing and control. Eliminate manual testing and dosing, free up staff for other duties, and have alarms and historical data available.

GrowControl™ GDX dosing systems are powerful set-point controllers that operate a four, five or six-head AgrowDose™ pump. Configure each pump independently as EC, pH up or down, or ORP. Precision sensors and rugged pumps offer reliable and accurate control of nutrient feed tanks large and small.

The GDX controller’s large color display provides an easy to use interface for monitoring the sensors and configuring the dosing settings. Includes features such as high/low history, graphing, alarm set points with buzzer, sensor calibration with reminders, data logging with .csv download, recipe creation and upload from PC, and more.

Made in USA.

**GrowControl™ GDX4 Dosing System (4-Pump)**
- UPC: 813474021682
- 10 lb (18x12x6)
- GDX4
- $2,199.00

**GrowControl™ GDX5 Dosing System (5-Pump)**
- UPC: 813474021699
- 12 lb (18x12x6)
- GDX5
- $2,499.00

**GrowControl™ GDX6 Dosing System (6-Pump)**
- UPC: 813474021705
- 13 lb (18x12x6)
- GDX6
- $2,799.00

**Options**

- **ORP Upgrade for GDX Dosing Systems**
  - +ORP
  - $199.00
  - UPC: 813474021743 (Factory Only)

- **Dissolved Oxygen (DO) Upgrade for GDX Dosing Systems**
  - +DO
  - $339.00
  - UPC: 813474021750 (Factory Only)

- **External WiFi Module (coming soon)**
  - EWX
  - $199.00
  - UPC: 813474021767

**GDX System Data Sheet**  **GDX System Instruction Manual**
MDX Nutrient & pH (+ORP) Dosing System

Autonomous | Easy to Use | Accurate & Reliable | ORP Optional

MDX automates nutrient dosing and pH control in large or small nutrient stock tanks for re-circulating or drain-to-waste fertigation systems, DWC bucket systems and more. MDX+ adds ORP sensing and control. Eliminate manual testing and dosing, free up staff for other duties, and have alarms and historical data available.

GrowControl™ MDX dosing systems are powerful set-point controllers that operate a single, dual, quad or penta AgrowDose™ pump. Configure each pump independently as EC, pH up or down, or ORP. Precision sensors and rugged pumps offer reliable and accurate control of nutrient feed tanks large and small.

SXH controller’s color display provides an easy to use interface for monitoring the sensors and configuring the dosing settings. Includes features such as high/low history, graphing, alarm set points with buzzer, sensor calibration and more.

Made in USA.

GrowControl™ MDX1 Mini Dosing System (single pump)  MDX1  $1,099.00
UPC: 813474020791  6 lb (12x10x6)

GrowControl™ MDX2 Mini Dosing System (dual pump)  MDX2  $1,399.00
UPC: 813474020807  7 lb (12x10x6)

GrowControl™ MDX4 Mini Dosing System (quad pump)  MDX4  $1,699.00
UPC: 813474020814  8 lb (18x12x6)

GrowControl™ MDX5 Mini Dosing System (penta pump)  MDX5  $1,999.00
UPC: 813474021262  9 lb (18x12x6)

Options

ORP Upgrade for Mini Dosing Systems  +ORP  $199.00
UPC: 813474021590  (Factory Only)

WiFi (coming soon)  WX  $199.00
UPC: 813474021477  0.2 lb (2x2x2)

MDX System Data Sheet  MDX System Instruction Manual
**MPX pH (+ORP) Dosing System**

**Acid/Base Control | 1, 2 or 4 Pumps | ORP Optional**

GrowControl™ MPX and MPX+ dosing systems are autonomous set-point dosing systems. Eliminate manual testing and dosing while maintaining conditions to your exact requirements! MPX system includes temperature and pH sensors, MPX+ includes additional ORP input and probe.

System can operate a single, dual, or quad AgrowDose™ pump. Precision sensors and rugged pumps offer reliable and accurate control for all types of applications including agricultural, aquaponics, aquariums, sanitation, pool & spa, food and beverage, industrial processes, etc.

The PHX controller’s color display provides an easy to use interface for monitoring the sensors and configuring the dosing settings. Includes features such as high/low history, graphing, alarm set points with buzzer, sensor calibration, manual priming and more.

Made in USA.

**GrowControl™ MPX1 Mini Dosing System (single pump)**
- MPX1 $899.00
- UPC: 813474021392 6 lb (12x10x6)

**GrowControl™ MPX2 Mini Dosing System (dual pump)**
- MPX2 $1,199.00
- UPC: 813474021408 7 lb (12x10x6)

**GrowControl™ MPX4 Mini Dosing System (quad pump)**
- MPX4 $1,499.00
- UPC: 813474021576 8 lb (18x12x6)

**Options**

**ORP Upgrade for Mini Dosing Systems**
- +ORP $199.00
- UPC: 813474021590 (Factory Only)

**WiFi (coming soon)**
- WX $199.00
- UPC: 813474021477 0.2 lb (2x2x2)

---

**MPX System Data Sheet**  **MPX System Instruction Manual**
# AgrowDose™ Dosing Panels

GDX, MDX and MPX dosing systems are all available pre-mounted on a stainless steel back panel with plumbing manifolds for sensor probes and chemical injection. Just mount the panel, connect plumbing and plug in the power adapter!

## GDX Dosing Panels

<table>
<thead>
<tr>
<th>GrowControl™ GDX4 Dosing System (4-Pump)</th>
<th>GDX4P</th>
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<tr>
<td>GrowControl™ GDX5 Dosing System (5-Pump)</td>
<td>GDX5P</td>
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<tr>
<td>GrowControl™ GDX6 Dosing System (6-Pump)</td>
<td>GDX6P</td>
<td>$3,099.00</td>
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### Options

**ORP Upgrade for GDX Dosing Systems**
- +ORP2 $249.00

**Dissolved Oxygen (DO) Upgrade for GDX Dosing Systems**
- +DO2 $389.00

**External WiFi Module (coming soon)**
- EWX $199.00

## MDX & MPX Dosing Panels

<table>
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<tr>
<th>GrowControl™ MDX1 Dosing Panel (single pump)</th>
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<td>GrowControl™ MDX4 Dosing Panel (quad pump)</td>
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<td>GrowControl™ MDX5 Dosing Panel (penta pump)</td>
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<tr>
<td>GrowControl™ MPX1 Dosing Panel (single pump)</td>
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<tr>
<td>GrowControl™ MPX2 Dosing Panel (dual pump)</td>
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<td>$1,499.00</td>
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<tr>
<td>GrowControl™ MPX4 Dosing Panel (dual pump)</td>
<td>MPX4P</td>
<td>$1,799.00</td>
</tr>
</tbody>
</table>

### Options

**ORP Upgrade for Dosing Panel**
- +ORP2 $249.00

**WiFi (coming soon)**
- WX $199.00
Fertigation Systems

BDX BatchMatic Fertigation System
Multi-Zone | 10 Chemical Parts | Batch Fertigation

GrowControl™ BDX Batch Dosing & Fertigation System is a nutrient mixing and irrigation system for pre-mixing and dispensing to plants, hydroponic systems or holding tanks. Control and schedule 5/6 zones and add up to 8 more zones with an 8-valve expansion panel for a total of 14 valves with unique recipes.

Available with 5 or 10 persitaltic dosing pumps for mixing multi-part fertilizer solutions on the fly according to fertilizer ratio recipes and EC/pH/ORP targets. Available with redundant sensors for enhanced error detection and backup operation. Alarms and automatic shut down functions standard.

System includes a recirculating/irrigation pump with outlet control relay and SXL liquid sensors for detecting high and low levels in the mixing tank.

Available with VBT series vertical batch tanks 55-350gal, or provide your own mixing tank.

Made in USA.

Options

ORP Upgrade for BDX System
BDX+ORP $299.00/EA

Redundant SXH Sensors for BDX System
BDX+SXH $999.00

BDX Data Sheet
**VXP8 Eight Valve Expansion Panel**

8 Valves | Expands BDX up to 14 zones

VXP8 eight zone valve panel expands the BDX system from 5/6 zones up to a maximum of 14 zones per system. Easy plug-and-play manifold connection to the BDX system. Pre-fabricated and mounted on a stainless steel back panel for simple wall mount installation.

**VXP8 Eight Zone Valve Expansion Panel**

UPC: 813474021811    24 lb (20x26x8)  

VXP8 $2,099.00

---

**VBT Vertical Batch Tank & Stand**

Heavy Duty Stand | 55, 100 & 350 gal

VBT series cone-bottom batch tanks features a compact footprint with heavy-duty powder-coated steel tank stand. Cone bottom ensures complete drainage of tank to prevent mixing of batches.

Available in 55, 100 and 350 gallon capacities.

Designed for use with BDX BatchMatic™ fertigation systems as a mixing vessel for the system. Polypropylene tank with polypropylene and PVC fittings.

Made in U.S.A.

*Drop ships from manufacturer.*

**VBT-55 Vertical Batch Tank & Stand**

UPC: 813474021835  MOTOR FREIGHT

VBT-55 $999.00

**VBT-100 Vertical Batch Tank & Stand**

UPC: 813474021859  MOTOR FREIGHT

VBT-100 $1,499.00

**VBT-350 Vertical Batch Tank & Stand**

UPC: 813474021866  MOTOR FREIGHT

VBT-350 $2,499.00
Optical Liquid Sensors

SXR Rain Sensor

Optical | No Moving Parts | Rugged

GrowControl™ SXR Rain Sensor is a high quality optical type rain sensor with no moving parts. The rain gauge senses water hitting its outside surface using beams of infrared light. It uses the same sensing principle used in millions of automotive rain sensing windshield wiper controls.

Connect to GC-Pro or GC-ProXL controller digital inputs to close vents and windows down to a weather set-point at the first sign of rain.

Equipped with arm for mounting to structure or weather station. Includes a built-in heater to allow use in temperatures down to 32°F (0°C). Smart logic prevents false triggers from dust and other slow build-up of accumulation. Adjustable sensitivity allows for four different settings which activate the sensor from the slightest amount of rain to heavy rainfall. Operates on 24Vdc from controller and connects directly to any digital input.

GrowControl™ SXR Rain Sensor

SXR $219.00

UPC: 813474020487 0.6 lb (6x3x3)

SXRL

Optical liquid level sensors and control systems for water tanks, pipes, etc.

SXR

Optical rain sensor for outdoor use.

Optical Liquid Sensors

SXR Instruction Manual
SXL Liquid Level Sensors

Level Sensing | Leak Detection | Flow Indication

Electronic optical liquid sensors are durable, have no moving parts and are easy to maintain. SXL sensors can detect fluid levels in tanks, flow in pipes, or leaks in drip pans when liquid touches the sensor tip. Wide voltage range and high current capacity makes the SXL sensor practical for TTL logic, industrial PLC or direct relay control applications. 1/4” NPT threading and removable wiring terminal block with pin-out cast into the hex head makes installation or replacement fast and simple. When the output is energized a red LED illuminates the sensor body giving a visual status indication. Available in both ‘wet-on’ and ‘dry-on’ configurations. Other intelligent functions include anti-splash false reading detection, output debounce and error indication from infrared flooding.

- Water Tanks
- Coolant Reservoirs
- Hydraulic Fluid Reservoirs
- Warewash Equipment
- Irrigation Systems
- High & Low Level Detection
- Leak & Overflow Detection
- Flow Detection in Pipes

Voltage Input: 5-24Vdc
Output Current: Max 1A (sourcing)
Mounting Thread: 1/4” NPT
Hex Size: 3/4” (19mm)
Body Material: Polysulphone
Temperature Range: -20 to 80°C (non-freezing)
Wire Gauge: 26 - 16 AWG

Status | SXL-1* (Wet ON) | SXL-2* (Dry ON) | SXL-3 (PWM)
--- | --- | --- | ---
Dry | LED/Output OFF | LED/Output ON | LED OFF, 20%
Wet | LED/Output OFF | LED/Output ON | LED ON, 50%
IR Flooded/Error | LED Flashing / Output OFF | LED Flash, 80%

*Available “latching” model holds output on until next power cycle when activated.

Individual Sensors
SXL-1 Optical Liquid Sensor, WET-ON
UPC: 813474021132 0.1 lb (2x2x2)  SXL-1  $66.00
SXL-2 Optical Liquid Sensor, DRY-ON
UPC: 813474021149 0.1 lb (2x2x2)  SXL-2  $66.00
SXL-3 Optical Liquid Sensor, PWM
UPC: 813474021156 0.1 lb (2x2x2)  SXL-3  $66.00
SXL-1X Optical Liquid Sensor, WET-ON (Latching)
UPC: 813474021163 0.1 lb (2x2x2)  SXL-1X  $66.00
SXL-2X Optical Liquid Sensor, DRY-ON (Latching)
UPC: 813474021170 0.1 lb (2x2x2)  SXL-2X  $66.00

SXL Instruction Manual
SXL Data Sheet
SXL Liquid Level Control Systems

Fill or Drain | Valve or Relay | Complete Kits

Complete automatic electronic fill or drain control system for liquid tanks and reservoirs with a matched pair of SXL sensors for high and low set points. Operate a water valve or outlet relay to control pumps and maintain fluid levels between high and low sensors.

Matched Fill or Drain Sets

SXL-F  Optical Liquid Sensor Kit, FILLING
High Level Sensor: Turn OFF pump/valve
Low Level Sensor: Turn ON pump/valve

SXL-D  Optical Liquid Sensor Kit, DRAINING
High Level Sensor: Turn ON pump/valve
Low Level Sensor: Turn OFF pump/valve

Complete Kits

Available with VX1 water valve kit or RX1 outlet relay kit for a complete system. Kits include sensors, valve/relay, a power supply adapter and a pre-wired plug-and-go harness with 10ft between the sensors, 15ft to the valve/relay, and 9ft to the power adapter.

SXL sensors are available as a matched set for automatic fill or drain control without any other control system. Available in a pre-wired valve or relay kit for a complete automatic liquid level control system.

Sensor Set Only

<table>
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<tr>
<th>Kit Name</th>
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<tr>
<td>SXL-D Optical Liquid Sensor Set, DRAINING</td>
<td>0.1 (2x2x2)</td>
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Kits with 1” Water Valve

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<td>Fill System with Valve</td>
<td>0.1 (2x2x2)</td>
<td>SXL-F-VX1</td>
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<td>Drain System with Valve</td>
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<td>SXL-D-VX1</td>
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Kits with 120V Outlet Relay

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<td>Fill System with Relay</td>
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<td>SXL-F-RX1</td>
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<td>Drain System with Relay</td>
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<td>SXL-D-RX1</td>
<td>$229.00</td>
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</table>

Made in USA.

SXL Level Kit Data Sheet

© Agrowtek Inc. | www.agrowtek.com
LSM Liquid Sensor Mount System

Vertical Sensor Mounting | Adjustable Depth

Two-part system for mounting SXL liquid level sensors from the top of a tank providing secure mounting, adjustable sensor heights, and easy installation and removal. Uses standard 1” PVC pipe to mount the SXL liquid sensors at adjustable depths within a liquid tank. Top mounting avoids holes on the sides of the container to reduce chances of leaks.

Part 1: Cap Kit
Mount SXL optical liquid level sensors on the end of a 1” PVC pipe. Kit includes a tapped PVC cap with o-ring seal and PVC pipe fitting. Provide 1” schedule 40 or 80 PVC pipe to length.

Part 2: Flange Kit
Securely mount sensor pipes to the tank. Kit includes hardware and custom flange with locking set screw for clamping the pipe at the desired location. All stainless hardware is designed for easy service without tools after installation.

Flange can be removed from the tank by quickly removing the wing nuts. Studs remain bolted to the tank while the sensor can be pulled up and removed for cleaning and maintenance.

**LSM Cap Kit, Tapped Cap & 1” PVC Fitting**
- **UPC:** 0.1 lb (2x2x2)
- **LSM-CAP** $12.00

**LSM Flange Kit, for Mounting 1” PVC Pipe**
- **UPC:** 0.1 lb (2x2x2)
- **LSM-FLANGE** $30.00

**LSM Liquid Sensor Mounting System, Cap & Flange Kit**
- **UPC:** 0.1 lb (2x2x2)
- **LSM-KIT** $40.00

[LSM Data Sheet]
GrowNETLink Modules

**LX1 USB AgrowLINK**

**USB to PC Link | Free Software**

LX1 USB AgrowLINK connects Agrowtek’s GrowNET sensors, relays or dosing pumps directly to a computer. Free PC software displays real-time sensor readings, downloads and configures data logging history from the sensor, allows on-board calibration, basic email alerts and more!

Connects to any Agrowtek device with a GrowNET port. Use the simple update software to upgrade device firmware in seconds when new features are added! Includes USB & GrowNET cable. Made in USA.

**LX1 USB AgrowLINK**

**UPC:** 813474020869  
**1 lb (4x4x2)**

**LX1**  
$79.00

[View LX1 Data Sheet](#)

**LX2 ModLINK™ for RS-485 MODBUS RTU**

**GrowNET Port | RS-485/RS422 | MODBUS**

LX2 ModLINK™ connects Agrowtek’s intelligent devices equipped with a GrowNET™ port to a standard RS-485 serial bus for use with the industrial MODBUS RTU protocol. Ruggedized 15kV ESD rated input terminals with 70V fault protection to protect against damage from wiring errors and short circuits. The LX2 can be connected to HX8 GrowNET hubs to connect multiple GrowNET™ sensors, peristaltic pumps, and relays to the ModLINK™ interface. All GrowNET™ connections use standard RJ45 / Cat5 Ethernet Cable for easy installation. LX1 USB link may be used to configure alternate serial communication settings. Made in USA.

**LX2 ModLINK**

**UPC:** 813474020883  
**1 lb (4x4x2)**

**LX2**  
$79.00

[View LX2 Data Sheet](#)
Plumbing Manifolds

Plumbing assemblies simplify installations with professional manifolds for sensor probes and chemicals.

PBX-210 Two-Port Sensor Manifold

Simple | Clean | pH/Temp

PBX-210 integrates two water-tight gland fittings into a 1” PVC manifold for sensing pH and water temperature inline with a recirculating pump. Threaded on both ends to allow easy connection to the PBX-100 series injection manifolds or other plumbing with reliable and servicable connections. Compression glands have a rubber insert that clamps around the probes when tightened. Manifolds make it easy to install and remove probes for calibration and maintenance. Made in USA.

2-Port Sensor Manifold
PBX-210
$54.00

PBX-210 Data Sheet

PBX-310 Three-Port Sensor Manifold

Simple | Clean | EC/pH/Temp

PBX-310 integrates three water-tight gland fittings into a 1” PVC manifold for sensing pH, EC and water temperature inline with a recirculating pump. Threaded on both ends to allow easy connection to the PBX-100 series injection manifolds or other plumbing with reliable and servicable connections. Compression glands have a rubber insert that clamps around the probes when tightened. Manifolds make it easy to install and remove probes for calibration and maintenance. Made in USA.

3-Port Sensor Manifold
PBX-310
$60.00

PBX-310 Data Sheet

PBX-410 Four-Port Sensor Manifold

Simple | Clean | EC/pH/ORP/Temp

PBX-410 integrates four water-tight gland fittings into a 1” PVC manifold for sensing pH, EC, ORP/DO and water temperature inline with a recirculating pump. Threaded on both ends to allow easy connection to the PBX-100 series injection manifolds or other plumbing with reliable and servicable connections. Compression glands have a rubber insert that clamps around the probes when tightened. Manifolds make it easy to install and remove probes for calibration and maintenance. Made in USA.

4-Port Sensor Manifold
PBX-410
$69.00

PBX-410 Data Sheet
PBX-100 series manifolds are simple multi-port manifold for connecting AgrowDose peristaltic dosing pumps into a recirculating line for injecting chemicals (nutrients, pH buffers) into a stock tank.

1” NPT PVC manifold with Nylon 3/16” barbs. Designed for use with a PBX-310 or PBX-410 sensor manifold. Made in USA.

**2-Port Chemical Injection Manifold**
- PBX-102
- $35.00
- UPC: 813474021224
- 1 lb (Bag)

**4-Port Chemical Injection Manifold**
- PBX-104
- $40.00
- UPC: 813474020890
- 1 lb (Bag)

**5-Port Chemical Injection Manifold**
- PBX-105
- $43.00
- UPC: 813474021279
- 1 lb (Bag)

**6-Port Chemical Injection Manifold**
- PBX-106
- $46.00
- UPC: 813474021286
- 1 lb (Bag)

**WX1 Water Solenoid Valve**

**Simple | Clean | Professional**

WX1 high quality water valve features self-cleaning diaphagms and seals and a fail-safe self-sealing design in the even of a valve failure to prevent accidental flooding of tanks and rooms.

For use with SXL Liquid Level Control kits.

Made in USA.

**WX1 1” NPT Water Solenoid Valve, 20gpm 150psi**
- WX1
- $59.00
- UPC: 813474021491
- 2 lb (8x5x5)
### Replacement Sensors & Probes

High quality original replacement probes and sensors.

<table>
<thead>
<tr>
<th>Probe Type</th>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature Probe</strong></td>
<td>SX-T</td>
<td>$36.00</td>
</tr>
<tr>
<td><strong>pH Probe</strong></td>
<td>SX-PH</td>
<td>$75.00</td>
</tr>
<tr>
<td><strong>Conductivity (EC) Probe</strong></td>
<td>SX-EC</td>
<td>$119.00</td>
</tr>
<tr>
<td><strong>Oxidation Reduction Potential (ORP) Probe</strong></td>
<td>SX-ORP</td>
<td>$119.00</td>
</tr>
<tr>
<td><strong>Dissolved Oxygen (DO) Probe</strong></td>
<td>SX-DO</td>
<td>$259.00</td>
</tr>
</tbody>
</table>

**Temperature Probe**
-20 to 60°C | 3ft
Stainless steel probe, 1/4” diameter x 3” with 3ft lead. Made in USA.

**pH Probe**
0 - 14 pH | 3ft | BNC Connection
High quality pH sensor probe for SXH and SXHM transmitters. Made in USA.

**Conductivity (EC) Probe**
0 - 5000 uS | 3ft | Tinned Leads
High quality electrical conductivity sensor probe for SXH and SXHM transmitters. Made in USA.

**Oxidation Reduction Potential (ORP) Probe**
-1000 to +1000 mV | 3ft | BNC Connection
High quality ORP (Redox) sensor probe for SXH and SXHM transmitters. Made in USA.

**Dissolved Oxygen (DO) Probe**
0 - 20 mg/L | 3ft | BNC Connection
High quality galvanic DO sensor probe for SXH and SXHM transmitters. Made in USA.
Wind Speed Anemometer

0 - 125mph | 25ft Cable | Mounting Bracket

High quality wind speed anemometer sensor for SXW weather station transmitters. Made in USA.

SX-A Wind Speed Anemometer
UPC: 813474020463  1 lb (Clear Bag)
SX-SPD $149.00

Wind Vane Direction Sensor

0 - 359° | 25ft Cable | Mounting Bracket

High quality electronic wind direction vane sensor for SXW weather station transmitters. Made in USA.

SX-V Wind Direction Sensor
UPC: 813474020470  1 lb (Clear Bag)
SX-DIR $249.00
Parts & Accessories

Service parts & accessory items for Agrowtek products.

Sensor Fan, Aspirator

Quiet | High Performance

Original quiet and compact aspirator fan for SXC, SXE and SXW environment sensors.

Sensor Fan

<table>
<thead>
<tr>
<th>UPC: 813474021101</th>
<th>0.1 lb (2x2x2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SX-FAN</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

Fan Air Filter

Replaceable | Washable

Replacement filter element for aspirator fans.

Fan Air Filter

<table>
<thead>
<tr>
<th>UPC: 813474021118</th>
<th>0.1 lb (Clear Bag)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SX-FLT</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

Power Supply

Replacement OEM Class II UL Listed Power Supplies

Replacement DC switch-mode power supplies for Agrowtek products.

All power supplies are UL listed class II power supply devices with standard 120V wall plug.

12Vdc, 1A Power Supply for Dosing Pumps

<table>
<thead>
<tr>
<th>UPC: 813474021033</th>
<th>0.3 lb (2x4x4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSU-12X1000</td>
<td>$29.00</td>
</tr>
</tbody>
</table>

24Vdc, 0.5A Power Supply for Relays

<table>
<thead>
<tr>
<th>UPC: 813474021118</th>
<th>0.3 lb (2x4x4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSU-24X500</td>
<td>$29.00</td>
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</tbody>
</table>

24Vdc, 2.5A PSU for GC-Pro/XL

<table>
<thead>
<tr>
<th>UPC: 813474021064</th>
<th>0.5 lb (2x4x4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSU-24X2500</td>
<td>$99.00</td>
</tr>
</tbody>
</table>

Sensor Probe Gland

1/2” NPT Fittings for Tee Installation

Install pH, EC, ORP and temperature probes directly inline with your feed pump, or into a dedicated recalculating line for best accuracy and longevity. Threaded ½” NPT fitting installs into threaded pipe fitting and probe is compression sealed with a Buna-N rubber seal.

1/2” I.D. Probe Gland (pH, EC, ORP probes)

<table>
<thead>
<tr>
<th>UPC: 813474020920</th>
<th>0.1 lb (2x2x2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GND-50</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

1/4” I.D. Probe Gland (temperature probes)

<table>
<thead>
<tr>
<th>UPC: 813474020937</th>
<th>0.1 lb (2x2x2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GND-25</td>
<td>$5.00</td>
</tr>
</tbody>
</table>
### GrowNET (cat5e) Patch Cables

**Cat5e | RJ45 Connectors**

Straight-through cat5e cables for GrowNET port connections. High quality cables are available in various lengths for connecting GrowNET enabled sensors, relays, pumps, etc. Black, 30AWG UTP Cat5e.

*Style may vary slightly from image.*

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part No.</th>
<th>UPC</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GrowNET Patch Cable, 20ft</td>
<td>CAB-GX20</td>
<td>813474020999</td>
<td>$6.00</td>
</tr>
<tr>
<td>GrowNET Patch Cable, 50ft</td>
<td>CAB-GX50</td>
<td>813474021002</td>
<td>$15.00</td>
</tr>
<tr>
<td>GrowNET Patch Cable, 100ft</td>
<td>CAB-GX100</td>
<td>813474021019</td>
<td>$30.00</td>
</tr>
</tbody>
</table>

### GrowNET Cross-Over Adapter

**For Mini Control Systems**

A GrowNET cross-over adapter is required when connecting Agrowtek’s intelligent sensors and relays in a mini-control system. The cross-over kit (included with mini-control system kits) has a 6” pigtail cable and cross-over adapter for use with standard GrowNET (cat5e) cables.

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part No.</th>
<th>UPC</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GrowNET Cross-Over Kit</td>
<td>CAB-GXO</td>
<td>813474021026</td>
<td>$6.00</td>
</tr>
</tbody>
</table>

### GrowNET Port Cover

**Dust | Moisture Protection**

Cover un-used GrowNET ports in SXH/SXHM sensors or GrowNET multi-port hubs.

Covers fit snugly onto the port pocket and seal against dust and moisture.

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part No.</th>
<th>UPC</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GrowNET Port Cover</td>
<td>GNP-1</td>
<td>813474021071</td>
<td>$1.00</td>
</tr>
<tr>
<td>GrowNET Port Cover, 10-Pack</td>
<td>GNP-10</td>
<td>813474021088</td>
<td>$8.00</td>
</tr>
</tbody>
</table>

### DIN Rail Mounting Kit

**Includes Brackets & Screws**

Mount Agrowtek’s precision SXH & SXHM hydroponics transmitters, HX8 hubs, LX modules and more to DIN rail with this convenient kit. Includes two (2) snap-on brackets and two (2) thread-forming screws for mounting to the brackets. **DIN rail not included.**

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part No.</th>
<th>UPC</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN Rail Bracket Kit</td>
<td>DIN-K</td>
<td>813474021095</td>
<td>$6.00</td>
</tr>
</tbody>
</table>