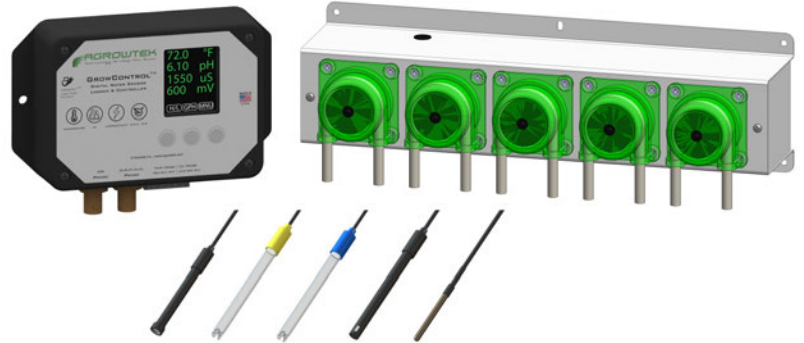


AUTOMATED NUTRIENT & PH CONTROL

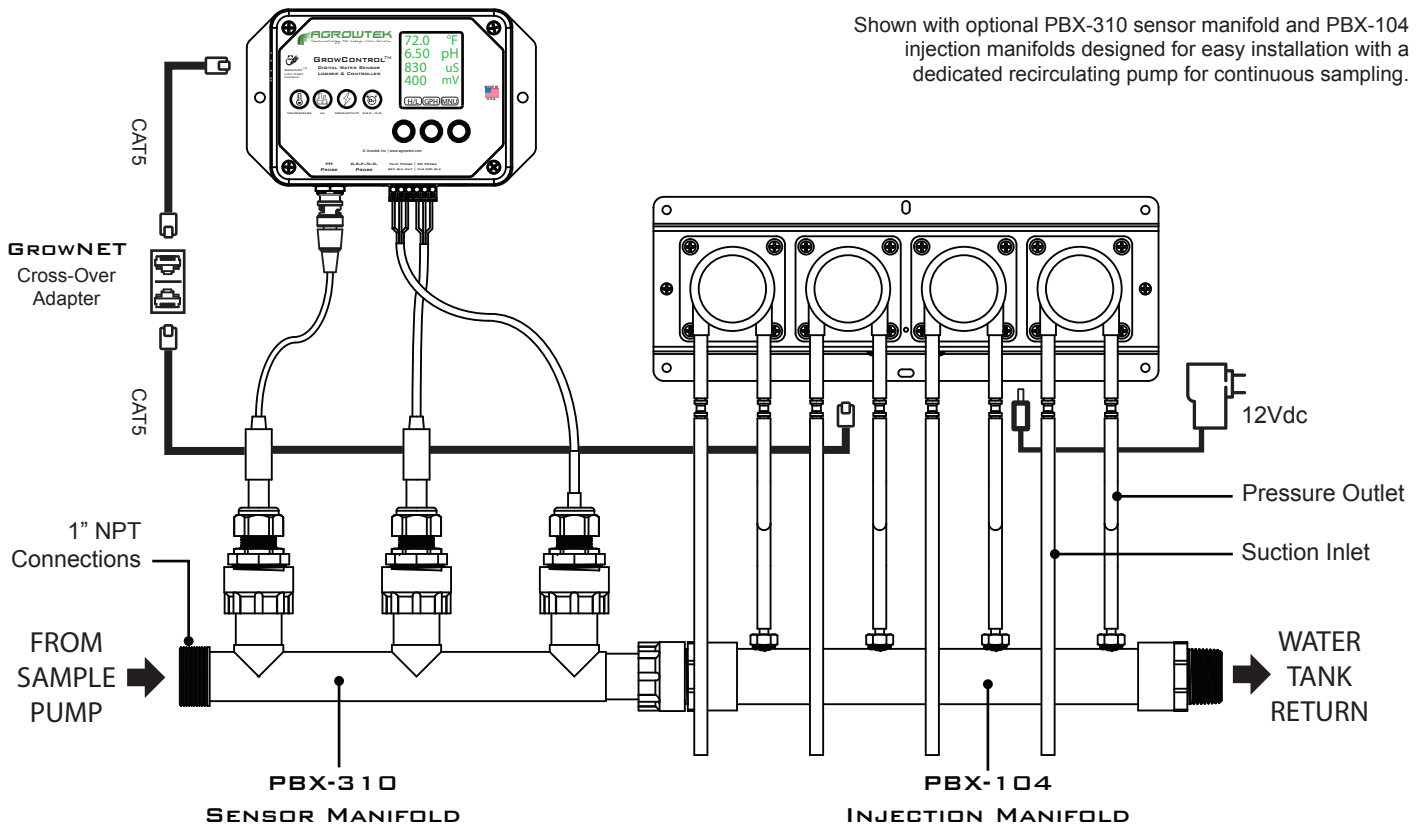
GrowControl MDX Mini Dosing System automates nutrient and pH dosing by combining Agrowtek's digital SXH hydro controller with AgrowDose precision dosing pumps. Available with 1, 2, 4, or 5 pump heads. MDX+ model includes ORP. Each pump can be configured independently for sensor type, dose volume and delay time.

SXHM hydro controller with lcd display allows advanced configuration of the pumps and dosing parameters, manual pump priming, as well as graphing, alarms, data logging and more.



Typical Installation, MDX4

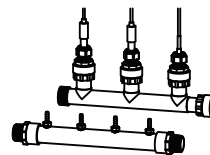
Shown with optional PBX-310 sensor manifold and PBX-104 injection manifolds designed for easy installation with a dedicated recirculating pump for continuous sampling.



Ordering Options

- MDX5 +ORP - W**
- WiFi Upgrade Kit
 - None: pH, EC & Temperature
 - +ORP: Add ORP
 - 1: Single Pump
 - 2: Dual Pump
 - 4: Quad Pump
 - 5: Penta Pump

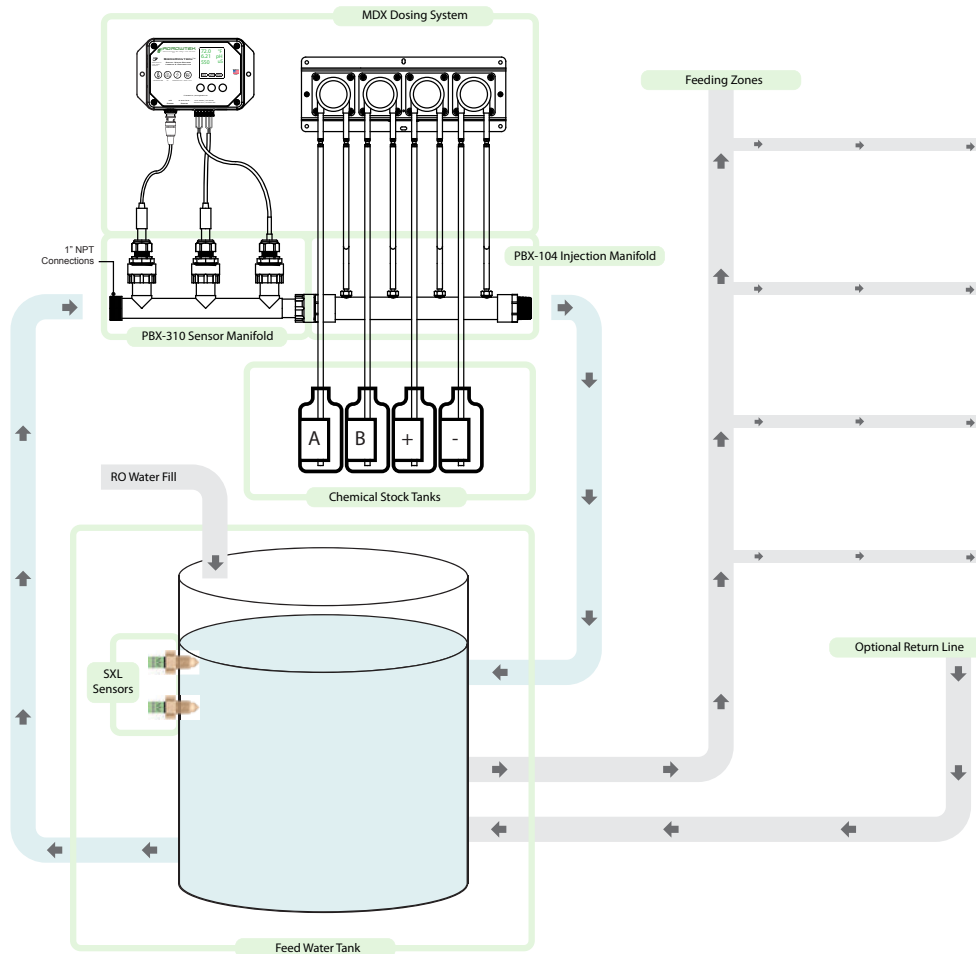
Optional Accessories



PBX
Sensor & Injection Manifolds

FOR RECIRCULATING OR DRAIN-TO-WASTE SYSTEMS

Typical Installation



Recommended pump:
3 - 20 gpm (180 - 1200 gph)

Recirculating Systems (Deep Water Culture, NFT, Ebb & Flow, etc.)

The dosing system can be installed inline with the system's recirculating pump providing readings and dosing water on the return to the reservoir, or a separate circulation pump may be used to sample dose the main reservoir.

Drain to Waste Systems (Drip Irrigation, etc.)

The dosing system is typically installed on a recirculating loop connected to a stock mixing tank. As mixed feed solution is drawn off of the tank to feed plants, water re-supplies the tank and the system doses to maintain the stock concentration.

Continuous recirculation and monitoring of the solution provides well regulated control of the water without the need to frequently check and dose manually.



TIP
Add Agrowtek's SXL electronic optical liquid level sensor and water valve kits to the stock tank to automate the water level control and replenish the tank with water.