

DEMA**Model
DEMA XT**

AGRICULTURAL SOLUTIONS: DEMA XT CONTROLLER

Water treatment controller

The DEMA XT Controller provides proven precision monitoring and control solutions for agricultural irrigation systems that enhance system efficiency. Whether managing a greenhouse, vineyard, orchard, or livestock farm, this advanced system ensures your water treatment processes remain within the set parameters. With precise monitoring of pH, Conductivity, and ORP levels, the DEMA XT powers the Flex Flow pump or Easydose to maintain optimal conditions, keeping your plants and animals thriving. The intuitive touchscreen offers real-time alerts and customized reports, while multi-level security for users provides peace of mind. Combine all this with USB configuration cloning and a large, customizable display, and you're equipped to tackle any challenge in the field.

Features & Benefits

- Monitors and logs pH, Conductivity, and ORP levels
- Powers the DEMA Flex Flow pump or Easydose to inject additives and maintain set points
- Provides continuous real-time monitoring
- Delivers on-screen alert notifications and email alerts
- Supports custom report development and compliance features
- Secure 24/7 data access with multi-level user security
- Includes 4–20 mA inputs and outputs for dynamic sensor control
- Configurable for a wide range of digital and analog inputs
- Includes 5 control relays; expandable on select configurations
- Tracks water flow and usage with support for two water meter inputs per system
- Features internet communication capabilities via wired or wireless connection
- Large customizable display with a simple touchscreen menu
- NEMA 4X enclosure



Accessories & Parts

Probes



A conductivity probe, provides precise monitoring of your fertilizer solution's concentration.

0960.E.4A.10



ORP Probe continually measures a liquid's ability to oxidize or reduce substances.

0960.OE.2



An in-line probe, it continuously monitors pH levels and precisely controls the pump to keep the pH within the desired range.

0960.PE.21

Flow Switches Essential Safety for Your System

The 0960.FS.SHORT and 0960.FS.LONG flow switches work with an external auto-stop safety feature when paired with a FlexFlow pump and Nano controller. If there's insufficient flow, the switch prevents the pump from activating, avoiding over-concentration of acid or fertilizer. Requiring a minimum flow of 3 GPM, these switches feature 18-inch leads for easy connection to a Nano controller or FlexFlow pump, with an external auto-stop function for added security.

0960.FS.SHORT (for 3/4" or 1" diameter pipe)



Function: Sensor activates when water is flowing; requires 3 GPM minimum.
Wire Leads: 18" length, red, and black wires
Min Flow Rate to Activate: 3 GPM
Min Flow Rate Closed Contact: 1 GPM
Case Materials: PVC
Paddle Legs: 1.1" long and can be used in 3/4" or 1" pipe
Fitting Size: 3/4" male NPT

0960.FS.LONG (for 1.5" or 2" diameter pipe)



Function: Sensor activates when water is flowing; requires 3 GPM minimum.
Wire Leads: 18" length, red, and black wires
Min Flow Rate to Activate: 3 GPM
Min Flow Rate Closed Contact: 1 GPM
Case Materials: PVC
Paddle Legs: 1.8" long and can be used in 1.5" or 2" pipe
Fitting Size: 3/4" male NPT

These flow switches ensure safe, precise chemical application, protecting your system from damage.

DEMA XT Nomenclature Information

0960 - Controllers and pumps for water pH adjustment

XT - Controller with five 120 Volt relays

C - Conductivity probe equipped

P - pH probe equipped

O - ORP probe equipped

MODELS

0960.XT.CP

0960.XT.CPO



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