

Model W610 WATER TREATMENT CONTROLLER

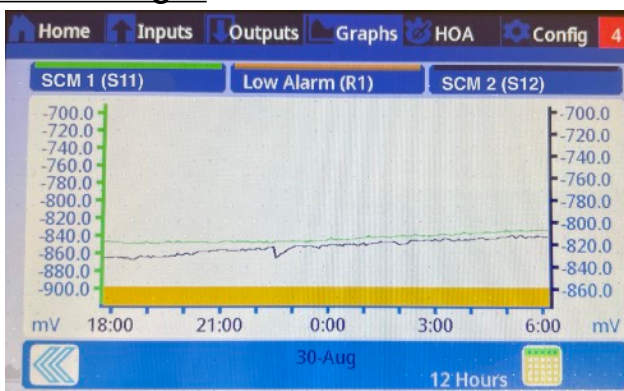
Features

- ▶ Color Display
- ▶ Touchscreen
- ▶ 4~20mA Inputs / Outputs
- ▶ Graphical Trending
- ▶ USB Interface
- ▶ Relay Functions
- ▶ Optional Self Cleaning
- ▶ Modbus/Ethernet

Precise Dose Control for Water and Wastewater



Controller Advantages



The W610 Water Treatment Controller features a color touchscreen. All controller functions are easily accessible through tab style menus.

The universal controller is multi-channel and can accept multiple signals from the SCM as well as other sensor types. The W610 includes multiple outputs and alarm functions. The control signal can be used for automatic chemical feed and dosage control. The controller features data logging, graphical trending, alarm and control functions.

Benefits

- ▶ Chemical Savings
- ▶ Maintain Water Quality
- ▶ Early Warning Protection
- ▶ Prevent Upsets
- ▶ Optimize Treatment
- ▶ Reduce Residuals
- ▶ Easily Retrofitted



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Engineering Specifications

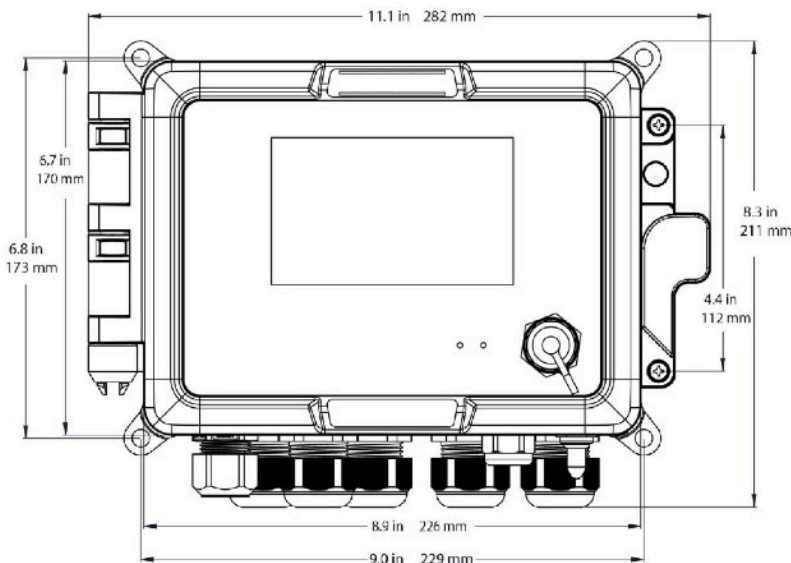
The instrument shall be a universal controller for continuous control of coagulant / flocculant dosage to assist in optimizing the water or wastewater treatment process. The controller may be used for automatic control purpose with programmable PID functions and 4 to 20 mA current signal output. The controller shall be comprised of one module. The controller shall operate on 110~230 VAC.

The controller shall be housed in a non-metallic NEMA 4x housing. The controller shall have universal inputs and accept up to (4) Sensor 4-20 mA signals from a streaming current meter and/or others. The controller shall provide two (2) 4-20 mA output signals : One to automatically adjust chemical feeders in order to maintain the streaming current set-point, the second as a 2nd control loop or retransmission of an input signal. The controller shall be compatible with the Micrometrix® Streaming Current Meter Models SCD-T, SCM-1, SCM-2 and metering pump (or other coagulant delivery system) which accepts a 4-20 mA signal.

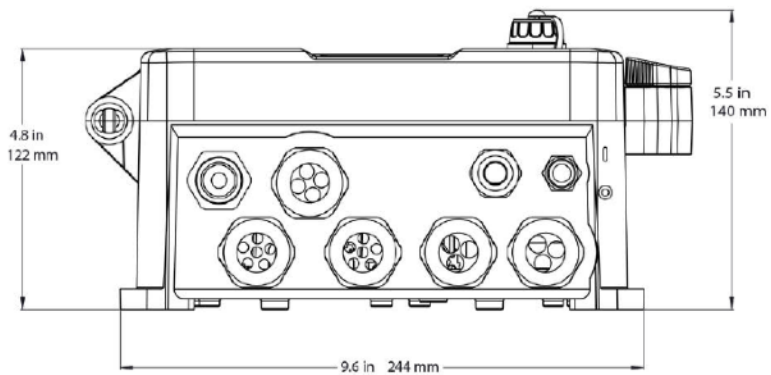
The display shall be a graphic color touchscreen which includes Icon/Tab menus for easy user navigation. The controller shall include on-screen and web page graphing of sensor values and control output status. The user menus shall have multi-language capability. The timer functions for the optional cleaning system shall be user adjustable. Outputs shall include six (6) relay outputs, and two analog outputs. The digital inputs shall be configurable for level switches, flowmeters, flow switches, or generic interlock operations.

The USB port shall provide the ability to upgrade the software in the controller to the latest version, save all the parameter configurations, import settings into another W610 controller, and download datalog files to a USB flash disk. Communication options shall be Ethernet for remote access via the Internet, LAN, BACnet or Modbus/TCP protocols.

The instrument shall be Model W610 as supplied by Micrometrix® Corporation.



Specifications	Model W610
Function	Universal Controller
Power	110 ~230 VAC
Range	-1000 to +1000 mV, user adj
Accuracy	0.1%
Display Type	Color
User Interface	Touchscreen
Optional Function	Self-Cleaning System
Response Time	1 Second
Data Trending	Graphical LCD
Analog Inputs	2 or 4 each 4~20mA
Analog Outputs	2 each 4~20mA
Communication	Ethernet (Optional)
Remote Access	Internet, LAN, Modbus TCP (optional)
Relay outputs	6 each Relays
Zero Offset	User Adjustable
Enclosure	NEMA 4x, IP 65
Mounting Holes	9.0"W x 6.8"H
Dimensions	11.1" x 8.3" x 5.5"



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