REVERSE OSMOSIS CONTROLLERS

WEB-ENABLED ALTERNATIVES TO PLC BASED SYSTEMS

XT-7

Designed specifically for RO control applications, the XT-7 is a superior, purpose-built alternative to PLC based systems.

- 2 conductivity circuits
- 4 analog inputs (expandable to 20 inputs)
- 6 dry contact inputs (expandable to 16 inputs)
- 12 relay outputs
- Remote monitoring via WebAdvantage

MEGATRON MR

Built on the popular MegaTron controller platform, the MegaTron MR features a user-friendly interface and flexible control logic.

- 12 available digital inputs
- 32 available analog inputs
- 9 available totalizing inputs
- On-screen history graphing
- Custom calculations
- Modbus & BACnet options
- Remote monitoring via WebAdvantage

WORKHORSE CONTROLLERS FOR COMMERCIAL APPLICATIONS

ROC-2HE

A fully featured reverse osmosis controller at an attractive price.

- Powers up to 2HP Motors @ 240VAC (1HP @ 120VAC)
- Permeate TDS, Feed TDS and % Rejection
- Extensive flush options
- Fully programmable
- Low cost private labeling graphics available
- Available as a UL listed industrial control panel

S150

Ideal solution for monitoring and control of light commercial RO units.

- Relays for RO pump, inlet solenoid valve, and membrane flush solenoid valve
- Switch inputs for storage tank level, low and high pressure, and system lockout for pretreatment backwash or regeneration
- All inputs and outputs are controlled with time delays for proper operation

AMAZING VALUE FOR SMALLER RO SYSTEMS

CHIP

An amazing controller for small RO systems.

- Fully featured, runs the same software as our larger RO controllers
- LED status indicators
- Also available in a horizontal configuration

S100

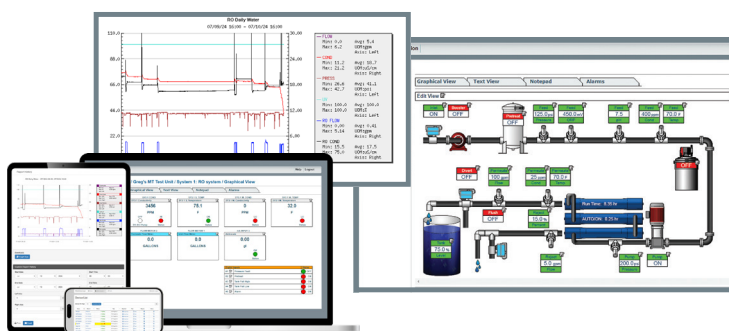Economical controller with standard TDS sensor.

- Three digit LED display
- Selectable flush options
- Panel mount enclosure
- Inputs and outputs controlled with time delays for proper operation

WEBADVANTAGE

WebAdvantage is a cloud based monitoring, alarming and reporting service to keep in constant contact with your RO system via an internet connected MegaTron MR or iControls XT-7 controller.

A single login lets you access all your controllers from any web connected device. Check live conditions, make setting changes and manage automatic reporting without spending valuable time and money driving to the site.

> No Recurring Usage Fees

> Custom Graphing and Reporting

> Historical Data Storage

> Back-Up Server Assurance

> Daily Summary Reporting

> Alarm and Escalation Notification

> Device Management

Alarm emails and historical reports can be customized with your company logo branding. Report templates can include all sensor history, water usage, relay, alarm activity and more to provide unique insights and proof of a system's performance for regulatory compliance.

MOTOR CONTACTORS

DP120-20-R1 = 120 VAC 20 amp fused contactor wired to relay 1 for RO pump

DP230-20-R1 = 230 VAC 20 amp fused contactor wired to relay 1 for RO pump

DP120-20-R3 = 120 VAC 20 amp fused contactor wired to relay for boost

DP230-20-R3 = 230 VAC 20 amp fused contactor wired to relay for boost

MS120-20-R1 = 120 VAC 15-20 amp manual motor starter and contactor installed wired to relay 1 with starter alarm wired to digital input 5

MS230-20-R1 = 230 VAC 15-20 amp manual motor starter and contactor installed wired to relay 1 with starter alarm wired to digital input 5

MICROLINX METERING PUMPS

Series L pumps have user selectable operation modes that include:

- Manual
- Pulse input
- 28-Day timer
- 4-20 mA input
- Pulse timer
- Recycle timer

Series M pumps provide affordable metering with deluxe features:
- Manual speed knob output control
- 200:1 turndown
- Stroke and power LEDs
- Clear cover

CELL ROUTER

Make connecting your MR to the internet easy with the CellAdvantage cell router from Advantage Controls.

SENSORS

Advantage Controls can help you with a wide range of sensor needs:
- pH and ORP
- Conductivity
- Pressure
- Temperature
- Free Chlorine
- Turbidity
- Flow