

MONITROL



Monitrol Controllers

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AQUA MONITROL CONTROLLERS

The aqua monitrol product line of fully integrated, robust programmable controllers was developed by a team of automation experts specifically for water quality applications. The standard nema 4 enclosure and industrial electronics provide reliable stand-alone operation in harsh environments. The system's flexibility and modular design provides you with the right technology for your operation, and is uniquely suited for integration in both new and existing installations. Monitrol is designed to expand when your requirements grow.

MONITORING AND AUTOMATION

The aqua monitrol controllers are being utilized in government and commercial hatcheries, research and industrial facilities, and aquariums worldwide. They can collect analog and digital information from a wide range of sensors such as: Temperature, pH, Conductivity, ORP, Dissolved

Oxygen, Flow, Pressure, Level, Motor Current, plus many others. The aqua monitrol controllers also provide automatic control of equipment such as: Alarms, Pumps, Aerators, Chillers, Feeding Equipment, Ozone, Chemical Treatment, Oxygen, Ventilation, Lighting, Security and many more.

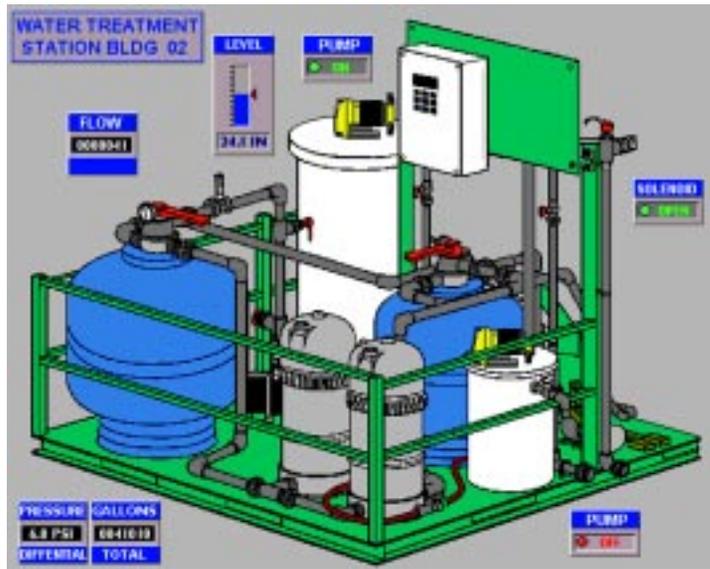
SYSTEM MANAGEMENT

The advanced yet easy-to-use windows software allows a user to monitor operating conditions, configure system parameters, and control or shut down equipment using a personal computer from any remote location. A site can be local or on the other side of the

world. Whatever the size of your installation, a single copy of aqua monitrol running on one computer is all you need to monitor and control your system. This allows real-time supervision by management and remote troubleshooting by a WMT or by the factory support department. Even the casual user will find that the simplified pull-down menus make operations intuitively obvious - so that you can acquire data easily and quickly without programming. Its open architecture and flexibility, will keep pace with your plant and information requirements as changes are made to WINDOWS* 95, 98, OR WINDOWS NT SOFTWARE.



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INTERFACE AND INFO MANAGEMENT

The aqua monitrol controller's LCD display and keypad provides access to operating steps. The keypad and LCD display is used to move up and down each operating step. All operating functions can be easily modified from the keypad, including sensor calibration, enable/disable outputs, and reset alarms.

The graphical interface provides a real-time animation of system devices enabling the operator to supervise all the process functions at a glance and to quickly respond to any changing condition. Representations can be as simple as a numbers or text descriptions to bar graph displays or complex

bitmap pictures and drawings. Data Logging collects and stores system operating conditions based on time interval or status change. Historical data may be retrieved and viewed or be exported for analysis with Microsoft excel or other database/spreadsheet products. The alarm alert feature provides automatic alarm dial-out with numeric messaging delivered up to four different phone numbers or pagers in case of emergency.

WMT EXPERTISE

When it comes to automation and control solutions, WMT is your single source, providing a wide range of quality components and expertise from initial planning

through final installation, start-up and training. Our standardized, off the shelf products provide a cost-effective solution. WMT can help specify and provide sensors for your system. We have experience with temperature, pressure, pH, Conductivity, ORP, Dissolved Oxygen, Flow, Pressure, Level, Motor Current, strain, vibration, current, light, and other sensors. Often an overlooked part of systems, wiring and installation details are an important element. We can provide the engineering resources to help your project succeed.

WMT QUALITY

WMT has a special commitment to quality. We are committed to

providing the best possible experience for our customers:

- Pleasant no-pressure interaction when discussing the details of the service
- Complete quality of the service -- we use a well defined process for maintaining quality; this includes specification, planning, development, and certification
- We are especially careful to define expectations and work hard to meet them without surprises
- Fair price -- we can often provide a high-quality solution at a lower cost than work done in-house or elsewhere
- Protect your aquaculture/ fisheries resources by monitoring water quality and level.