



AQUA-AEROBIC SYSTEMS, INC.

Aqua-Aerobic
Controls & SCADA
PANELS AND SYSTEMS

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Aqua-Aerobic Systems, Inc. offers design and development of Electrical Control Panels and Supervisory Control And Data Acquisition (SCADA) systems, targeted for wastewater treatment equipment and processes. The available IntelliPro® Monitoring and Control System enhances your SCADA system by automating the operation of biological processes, including nutrient removal. Panels and systems are verified through rigorous testing prior to shipment to minimize field installation time and provide a customized, quality product to the end-user.

Features and Advantages

System Control Panels

- Reliable Programmable Logic Controller (PLC) with Color Touchscreen Human Machine Interface (HMI)
- Backup Hardwired Equipment Overrides
- Pressure Transducer Level Control
- Variety of Interfaces to Third Party Systems
- Allen-Bradley Controller Platform is Standard
- Available with or Without Motor Starters
- Flexible Networking/Communication Options
- Upgrade Capabilities for Existing Controls

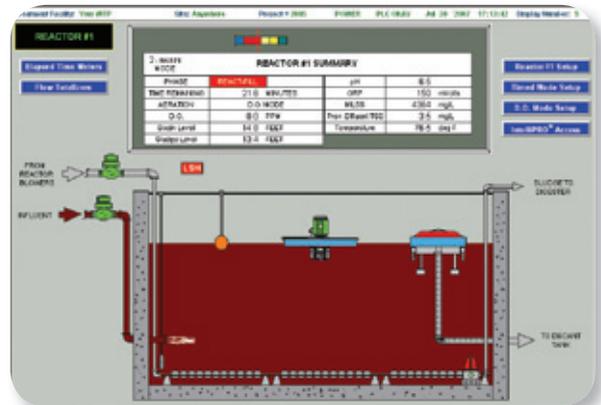


Configurations for custom applications.

Applications include Aqua-Aerobic batch reactor systems, phased activated sludge systems, cloth media filters, membrane systems, aeration control, and plant wide auxiliary systems.

SCADA Systems

- Single Point of Control for Plant-Wide Monitoring
- Detailed, Dynamic Graphics Depicting Equipment Status and PLC Command Status
- Simple, Intuitive Navigation Between Screens
- Historical Trending and Logging of Data
- Consolidated Alarming for All Monitored Areas
- Remote Access and Support; Optional Electronic O&M Manual
- Reporting and Printing Capabilities
- Upgrade Capabilities for Older Systems



Dynamic Graphic - AquaSBR® basin detail screen.

Applications include Aqua-Aerobic batch reactor systems, phased activated sludge systems, cloth media filters, membrane systems, aeration control, and plant optimization.

Definite Purpose Control Panels

- Enclosures Constructed of Nema 3R (mild steel) or Nema 4X (stainless steel or FRP)
- Operator Devices Include Selector Switches, Optional Timers and Elapsed Time Meters
- Single or Multiple Starter Configurations

Applications include Aqua-Aerobic mechanical surface aerators, direct-drive mixers, stand-alone mixer or aerator, and equipment local control.



Aqua-Jet® aerator and typical Definite Purpose Control Panel.

Visit our website to learn more about our control systems and our complete line of products and services.