

Strantrol® Impact Aquatic Management System

Product Description

For almost 40 years, knowledgeable aquatic professionals have relied on patented High Resolution Redox® sensing technology and true time-based proportional control. The benefits provided are clearly illustrated in this side-by-side comparison. The Strantrol® systems' unmatched control of ORP and pH provides the most cost effective use of chemicals, while ensuring sanitized water under all bather load conditions. The difference is clear! When quality and performance count, no other controller comes close to the Strantrol® control systems.

The Strantrol® Control System's Next Generation

Designed by the same team who developed the Strantrol® System 3, 4, 5F, 6 and 7 system controllers that you have relied on for years, the Strantrol® Impact Aquatic Management System controller is the beginning of a new generation of mechanical / chemical aquatic controllers from Siemens Water Technologies. The Strantrol® Impact controller is designed to provide the operator with easy menu navigation, detailed help screens and a remote touch screen for custom accessibility. The modularity of the Strantrol® Impact allows for many upgrade options.

The Strantrol® Impact controller has the ability to control one or two bodies of water. The controller features include demand-based chlorine feed utilizing patented Enhanced Time-Based Proportioning and automated fecal recovery mode, which will control the body of water at a higher ppm or HRR® level in the event of a fecal accident.

Key Benefits

- Modular platform allows future expansion for 2-pool or backwash controller
- Easy-to-use touch screen control
- Simultaneous HRR®/ppm sensor operation for safer swimming conditions
- Automated fecal recovery mode for quicker reaction after accident
- Patented enhanced time-based proportioning for tighter chemical control
- Proprietary flow switch for ultimate protection in no-flow conditions



Product Sheet

Proprietary Sensors

The pH (yellow), HRR® (blue) and HRR® (red) sensors contain proprietary inorganic gel. Each sensor contains a high volume of the inorganic gel which guarantees an extremely long life.

The HRR® (redox) sensor is specifically designed to complement our patented Strantrol® sensing technology. Its unique liquid junction incorporates porous Teflon, to minimize clogging and prolong sensor life.



The HRR® (blue) sensor utilizes 99.999% pure platinum.

The HRR® (red) sensor utilizes a specialized metal wire which is designed for salt water or electrochlorination applications.

Flow Switch and Flow Cell

The flow switch ensures that chemicals will always be fed into a flowing water stream, to eliminate bather contact dangers. Any no-flow alarm condition signals the controller to shut off all chemical feed circuits immediately. We use a paddle-wheel style flow switch with a see-through cover and an "ON STREAM" indicator light.

A properly designed flow cell ensures the perfect sensor water contact. Without it, the sensor is effectively blind. Our flow cell incorporates an automatic air purging chamber with a see-through inspection cover. A pressure gauge, sampling cock, isolating valves and a flow switch complete the installation.



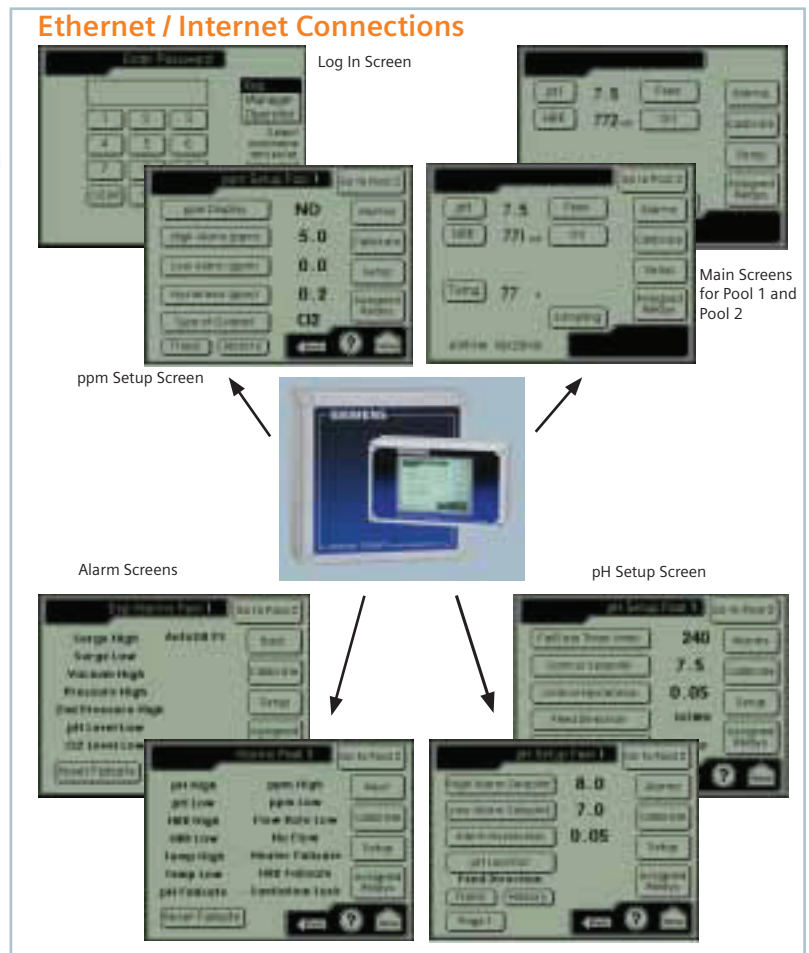
Standard Features

- ORP control
- pH control
- Touch screen control
- Enhanced time-based proportional chemical feed
- Automated fecal recovery mode
- On-line historical data logging
- Single or dual pool control
- Security protection
- Programmable alarms
- Temperature control
- Remote interface panel mounting

Optional Features

- ppm sensor
- Flow meter
- Surge tank level switch
- pH level sensor
- Cl₂ level sensor
- pH feed tube pressure sensor
- Cl₂ feed tube pressure sensor
- Sensor wash
- Surge tank auto fill
- Automated fecal recovery external switch
- Impact motor control variable frequency drive
- Filter backwash control
- mA output for sensor measurements
- Direct connect, data modem and ethernet
- Email alarm notification
- Remote access and control

Ethernet / Internet Connections



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