

# **Total Equipment Room Control**



The **BECSys7** provides crystal clear water quality with advanced sensing technology and control algorithms for a healthy, safe and enjoyable patron experience.

Many equipment room operations can be integrated as well, saving both chemicals and energy from the improved performance and efficiency of the entire system.

Operation and maintanence staff will become more efficient with proactive status messaging and increased visibility into equipment room operations with BECSys Live.





**OBECSys** Live!

desktop, laptop, tablet and/or smartphone. All equipment room features integrated with the BECSys7 are available through BECSys Live. Monitor status, change settings and review system performance.

Review graphs and run reports that summarize key system activity and metrics, so you can easily spot trends.

Visit **becsys.live** to learn more and create your free account. And best of all... no additional fees or monthly subscription required!

# See more of the Equipment Room! Add sensors for a complete view of pool operations...

- ✓ pH, ORP, Temperature (std)
- ✓ Free chlorine
- ✓ Total/Combined chlorine
- ✓ System Flow/Volume
- ✓ Makeup Flow/Volume
- ✓ Total Alkalinity

- ✓ Filter Influent pressure
- ✓ Filter Effluent pressure
- ✓ Filter Differential pressure
- ✓ TDS/conductivity
- ✓ Acid Inventory
- ✓ Liquid Chlorine Inventory
- ✓ Strainer vacuum
- ✓ Pump effluent pressure
- ✓ Pump TDH
- ✓ Surge Tank/Pit Level
- ✓ Backwash Tank/Pit Level
- ✓ Turbidity





# **Total Equipment Room Control**

### **Advanced Water Chemistry Control**

- pH, ORP, temperature
- Free chlorine (ppm)
- Total chlorine (ppm)
- Combined chlorine (ppm)
- · Total Alkalinity control
- · Saturation Index calculation
- TDS (Total Dissolved Solids)
- Turbidity
- Digital SpinTouch & Lumiso interfaces

### **Circulation System Management**

- · Monitor circulation rate
- Track turnovers & volume processed
- Monitor strainer vaccum & pump effluent pressure
- Track Total Dynamic Head (TDH)
- · Fireman cycle management protects equipment investment
- Advanced VFD control saves energy; water quality and equipment are protected with
  - · Water Chemistry Assurance
  - · Heater Protection
  - Filtration Backwash Coordination

## 24/7 Monitoring & Control with BECSys Live!

- Gbit Ethernet standard in every BECSys7
- Simple and secure setup using EZConnect
- Visit **becsys.live** to get started

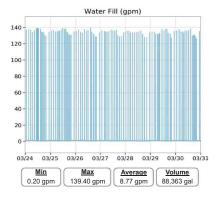


#### Filtration/Backwash Control

- · Monitor differential filter pressure
- · Automatic or semi-automatic backwash control
- · Configurable backwash timing and sequencing
- Prevent backwash holding tank/pit overflow
- · Coordinate backwash for multiple pools
- Discharge dechlorination options

### **Intelligent Autofill**

- · Maintain proper water level
- Autofill / chemical feed coordination
- Monitor water consumption
- Identify pool leaks
- Prevent surge pit overflows



#### **UV & Heater Interfaces**

- · Protects substantial equipment investment
- · Fireman cycle processing
- · UV control saves energy & extends bulb life
- Heater minimum flow rate control

#### **Chemical Inventory Management**

- Monitor acid and chlorine inventory
- Track chemical usage
- · Chemical reorder notifications

# You're in great hands!

BECS Technology has been designing and manufacturing the world's most reliable and innovative water chemistry controllers for over 30 years. We take pride in developing aquatics solutions that stand the test of time and are easy to use with features and capabilities that bring real value to our customers and their facilities.

Yet even the best equipment requires competent support to reach its full potential. BECSys distributors have been factory-trained and authorized to provide everything you'll need to take full advantage of all the benefits of your BECSys controller through the warranty period and beyond.

With a BECSys, you're in great hands!

Document #4335-F



