BECSys

Water Chemistry Controls

Filtration Controls

Equipment Room Controls

Providing the world's most advanced water chemistry solutions

BECS TECHNOLOGY

BECSys

Reliable, Powerful & Flexible

Years of reliability

For over 30 years aquatic facilites worldwide have trusted BECSys controllers to provide safe and attractive water quality. Reliability and ease of use are the foundation of every BECSys controller.

BECSys7 Total Equipment Room & Filtration Control

BECSys5 Advanced Expandable Water Chemistry Control

BECSys3 Reliable Water Chemistry Control

Ethernet is standard on the BECSys7 and BECSys5, and optional on the BECSys3, providing Email and/or SMS Alarm Notifications as well as BECSys *Live!* access from any smartphone, laptop or computer with Internet access.

Your window into the Equipment Room

In this fast-paced world aquatic facility operators need a complete view of both the water quality and the circulation system. BECSys controllers monitor critical system parameters 24/7, providing a complete and continuous view of the entire equipment room, which makes operators more efficient and effective.

- ✓ pH, ORP, Temperature
- ✓ Free chlorine
- ✓ Total/Combined chlorine
- ✓ Total Alkalinity
- ✓ TDS/conductivity
- ✓ System flow/volume
- ✓ Circ volume/turnover
- ✓ Strainer vacuum
- ✓ Pump effluent pressure
- ✓ Pump TDH
- ✓ Surge tank/Pit level
- ✓ Makeup flow
- ✓ Water consumption
- ✓ Filter influent pressure
- ✓ Filter effluent pressure
- ✓ Filter differential pressure
- ✓ Backwash tank/Pit level
- ✓ Acid inventory
- ✓ Liquid chlorine inventory
- ✓ Turbidity

Readings are available on-screen, recorded in data logs, can trigger an email or SMS alarm notification, and are viewable anywhere with BECSys Live. Operation, maintenance and management staff will always have the information they need right at their fingertips.

Take it to the next level: Control

With ever-increasing demands on operators' time it only makes sense to let the BECSys controller do what it does best… control! Move beyond basic water chemistry control and realize numerous benefits:

- ❖ Save chemicals, energy and time
- ❖ Critical operations are performed consistently & properly
- ❖ Staff is more productive
- ❖ Simpler and easier training of new operators

- ✓ Dual-Setpoint Booster Mode
- ✓ Bracketed PPM control
- ✓ Total Alkalinity (TA) control
- ✓ Digital test kit interface
- ✓ Saturation index calculators
- ✓ Combined Cl control
- ✓ Filtration/Backwash control
- ✓ Fireman's cycle protection
- ✓ Circulation pump control
- ✓ Advanced VFD control
- ✓ Intelligent autofill
- ✓ Polymer feed
- ✓ UV Control
- ✓ Ozone control
- ✓ Heater control
- ✓ TDS/Bleed control

Advanced technology for today's world

BECSys Alkalinity Meter

Monitor Total Alkalinity (TA) with a BECSys7 or BECSys5 with the BECSys Alkalinity Meter.

Control TA using acid and CO_2. BECSys7/5 will actively control both pH and TA simultaneously.

No more routine bicarb dumps!

BECSys ChemLock

Provides a verifiable electrical interlock to assure chemical feeds can only occur while the circulation pump is running.

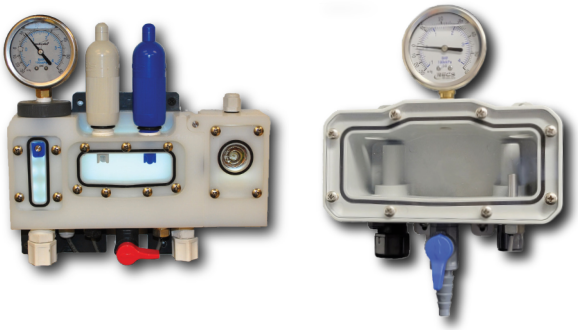
Available as a stand-alone device or factory-configured with BECSys controllers.

Safe & effective pH control

A complete line of **CO_2 control** options including feeders, regulators, manual and automatic tank switchovers, and heaters.

Advanced flow cell technology

Engineered for optimal performance and maximum sensor life.



BECSys *Live!*

BECSys *Live* is included with every **BECSys** controller, providing simple and secure 24/7 real-time access from just about any device: PC, Mac, desktop, laptop, tablet and/or smartphone.

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.

Review Graphs

Real-time Dashboards

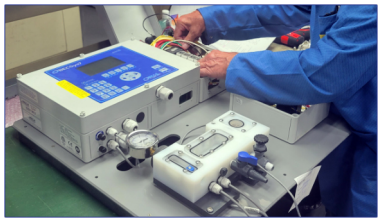
Run Reports

BECSys

Quality... every step of the way

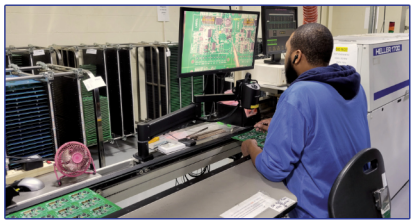
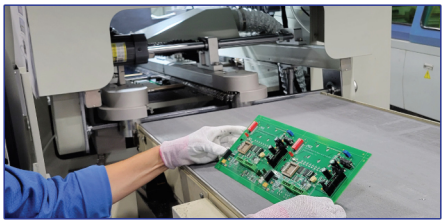
Proudly made in the heartland of America

Since our founding in 1991 BECS Technology has designed and manufactured over 50,000 aquatics controllers. Our 43,000 ft^2 facility in Saint Louis, Missouri is home to an exceptional design team, and manufacturing is performed onsite at this facility where we can personally assure the quality of our products.



Yes, we actually do electronics manufacturing...

We're rather amused by the recent emphasis on bringing manufacturing "back" to America. We never left. We've been manufacturing in the USA for over 30 years. And when we say "manufacturing" we mean it! We actually do electronics manufacturing at our state of the art factory in Saint Louis using three full scale surface mount (SMT) assembly lines and two through-hole assembly lines. Our commitment to quality is evident in our investment in automation and our highly skilled and experienced team.

Design, development and support too!

When we say "Made in the USA" we mean **designed** here too. Our design team includes electrical engineers, software engineers, mechanical engineers, and technicians. They collaborate with our application specialists on system specifications, schematic and circuit board design, firmware/software development, as well as all mechanical design associated with our products such as enclosure, flow cell, and sensor design. A quality product begins with a quality design - having Engineering, Quality, Manufacturing and Tech Support all under one roof assures quality at every step of the process.

Ready for a tour? If you're in Saint Louis let us know! Until then please visit our website for additional information.

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!

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Providing the world's most advanced water chemistry solutions