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Pulsafeeder—MicroVision Cooling Tower Controller with Toroidal Probe



Cooling towers are heat removal devices used to transfer process waste heat to the atmosphere. Cooling towers may use air and the evaporation of water to remove heat and cool the working fluid to near the air temperature. Cooling tower water systems are subject to

corrosion, scaling, deposition, and biological fouling. This increases operating costs due to downtime, equipment replacement, and increased water and energy usage. Typically biocides and inhibitors are added with the use of Pulsafeeder chemical metering pumps and controllers to effectively treat the water.

The MicroVision Cooling Tower Controller with Toroidal Sensor Technology is a microprocessor based conductivity controller with selectable timer and dual biocide control. Designed spe-

cifically for cooling tower applications, MicroVision comes standard with the features and functions you need for accurate monitoring and control of cooling tower water. The MicroVision controller is a full function controller in a compact package that won't break your budget!

Operating Benefits

- Easy to use. Simple user interface and large graphical display means easy and intuitive set-up and programming.

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Industry Events

- WEFTEC—The Water Quality Event, New Orleans, LA September 27–October 1, 2014
- IAPD—International Assoc. of Plastics Distribution, Chicago, IL October 27-30, 2014
- AWT—Association of Water Technologies, Ft. Worth, TX October 29–November 1, 2014

Notes of Interest

- “Commit to the LORD whatever you do, and your plans will succeed.” – **Proverbs 16:3**
- “If you think it’s hard to meet new people, try picking up the wrong golf ball.” - **Jack Lemmon**
- “Long, long after a great work or a good work has been done those who are disappointed or envious continue to cry out it cannot be done.” - **Elvis Presley**

Company News

- The “**Year End Prize**” will be announced in our next issue. Hint: The sound is incredible. Please enter this issue and next to qualify for the prize.

King StarBoard® HDPE Sheet Used in Water Treatment Industry

King Starboard® high-density polyethylene (HDPE) sheet is used extensively in the water treatment industry. In the water treatment industry, panel mount pre-engineered skid systems are designed to control the process control and chemical feed systems.

King StarBoard® sheet is the premier choice in the industry due to it’s ability to withstand tough chemical environments.

The HDPE sheet will not splinter, rot or delaminate when exposed to humidity or water.

Features

- Environmentally stabilized for harsh sun and tough marine environments.
- Easy to fabricate with standard woodworking tools and accepts screws for fastening equipment.

To learn more about the King StarBoard® family of products, visit www.kingplastic.com.



Photo courtesy of Pulsafeeder, Inc.

NIBCO—Chemtrol Valves Used for Chemical Feed Systems



Chemtrol’s True Union Ball Valves are an excellent choice for water treatment specialist and OEM’s fabricating chemical feed systems for the water treatment industry. Chemtrol valves are used for reliable process control of the chemical feed systems.

Features include: 250 psi rating at 73F—the highest in the industry; Double o-ring, blow-out proof stem*; NSF 61 approved; ergonomic handle with built in carrier wrench*; Tru-Bloc® Design; Rated for full vacuum service. (* Model D)*

Chemtrol ball valves have always MAINTAINED the same laying length for over 40 years that allow for easy replacement and maintenance of the chemical feed systems. Materials of construction include: PVC, CPVC, PP, and PVDF body, PTFE seats, heavy-duty EPDM and FKM o-ring seals for stem, seat carrier and end piece. Chemtrol valves are currently available 1/2” - 6” diameters. For local distribution of Chemtrol valves, contact our sales team or visit www.chemtrol.com.

MicroVision Controller—Continued



Toroidal conductivity sensor probe (pictured above)

- No need to recalibrate. MicroVision's toroidal sensor technology saves you valuable service time and money by eliminating routine calibrations.
- Reduced potential for fouling. By design, the MicroVision toroidal sensor has no exposed electrodes, which means that there is nothing to wear out or foul.
- Easy Installation. With pre-wiring and panel mount options, installation is quick and easy.
- 2 year warranty.
- Compact size saves space and reduces freight costs.

Features

- Large graphical display with large, easy to read font with simple four button user interface.
- Selectable time (limit %, % post bleed and water meter.
- Dry Contact/Hall Effect water meter input.
- Dual biocide with pre-bleed, lockout, inhibitor interface and four programmable start times per biocide.
- Flow switch input, (3) drum level inputs, Dry contact alarm output.
- 4-20mA isolated analog output.
- NEMA 4X enclosure.
- Battery Backup

MicroVision offers simple, dependable control of cooling tower chemicals at a cost-effective price. For more information, visit their website at www.pulsatron.com.

The Blue Line—Win Pulsafeeder Shirt!

Foust Marketing is offering the opportunity to win a prize in this issue of *The Blue Line*.

This issue we are offering a **Pulsafeeder** polo shirt. Enter by visiting our website with the answers to the questions.



1. What chemicals are typically added with Pulsafeeder metering pumps and controllers?
2. What is the King StarBoard® HDPE sheet used for in the water treatment industry?
3. What are the available materials of construction for the Chemtrol valve body?
4. What are the advantages of NOT having to recalibrate the Pulsafeeder MicroVision toroidal probe sensor?
5. How does Jack Lemmon suggest meeting new people?

Winners of the *personalized* Louisville Slugger baseball bats from the last issue courtesy of **NIBCO (Chemtrol)**.

Duston Rose, Sales
Harrington Industrial Plastics
Sacramento, CA

Sharon Fusco, Purchasing
Indelco Plastics
St. Louis, MO

Eric Luke, Business Manager
Curbell Plastics
Arlington, TX

Complete the entry form at www.foustmarketing.com/entry-form.



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Pulsafeeder



NIBCO



King



Harrison



IPS



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Gallina



Walraven

