

**Please tell us which mining pH Sensor interests you ...**

**Model 642 submersible pH/ORP sensor**

Requested and respected by our customers, for out performing their own expectations, by lasting many months in floatation cells. This robust sensor has been proudly manufactured in Orangeville, ON, CANADA for 30 years. The standard sensor is manufactured from 12 inches of 1 inch schedule 80 CPVC pipe, with an optional PVDF body available for harsh chemical and high temperature applications. The body's integral flute design protects the glass pH tip from direct impacts. It is rugged! Internally the pH glass is cushion mounted to absorb shocks. The reference junction is wood, which is like a tree's root.. hard to plug. This sensor was designed for difficult applications commonly found in Mining and Metal Industries, with Floatation Cells in mind and scale forming conditions. On scale forming cells, place these heavy bodied sensors near the inflow, rotate to open the flutes and scoop sharp fines into a rotary sandblast that self-cleans scale and produces months of service life. IC Controls repeatedly receives success stories involving the Model 642 from around the world. Please send us yours. E-mail us at [sales@iccontrols.com](mailto:sales@iccontrols.com) [www.iccontrols.com](http://www.iccontrols.com) search **642**



**The Model 625 In-Line pH/ORP sensor**

This sensor is manufactured with the same principal as the Model 642. It can be installed as a submersible or an in-line sensor depending on your requirements. The **Quick-Union** approach to this sensor offers a **safe secure** method for fast easy removal and installation when performing calibrations, cleaning, inspections etc... and to minimize your down time. [www.iccontrols.com](http://www.iccontrols.com) Search **625**

**Pressurized insertion 607 pH/ORP sensor**

Design for insertion/removal under pressure into **tanks** or **pipelines**. **Enviromentally friendly**, the main assembly is able to be disassembled to replace the sensor and be re-used. [www.iccontrols.com](http://www.iccontrols.com) search **607**

**IC Controls 655-T pH Analyzer**

0 to 14 pH range. Intuitive program "just seems to do what you expect". 655-T electronics logs calibration details, pH and temperature levels, diagnostics, alarm notifications, all configurable to your needs and password protected. Two separate 4 to 20 mA can track pH and temperature. Two separate 5A relays can control pH reagent pumps or alarm pH out of limits, or operate automatic cleaning of electrodes. Use with 642 pH sensor. [www.iccontrols.com](http://www.iccontrols.com) search **655-T**



**NEW IC Controls MagIC**

IC Controls NEW magnetic flow-meter. Obstructionless Flow measurement ideal for mining applications with no place for deposit build ups. Sizes available from 0.25 inch to 48 pipe. Advanced flexible electronics handles all application and readout needs. High accuracy  $\pm 0.5\%$  (optional  $\pm 0.2\%$ ), forward and reverse flow, 1500:1 flow ratio allows in field re-ranging. Interchangeable electronics. [www.iccontrols.com](http://www.iccontrols.com) search **MagIC**



**NEW IC Controls 876-25 Chlorine**

Continuous 0.1 to 2 ppm Total Free Chlorine for Potable and disinfection applications. Self-powered Galvanic technology gives long operating life. Advanced user interface logs calibration details, Chlorine and pH levels, diagnostics, alarm notifications, all configurable to your needs and password protected. Two separate 4 to 20 mA can track Chlorine and temperature or pH. [www.iccontrols.com](http://www.iccontrols.com) search **876-25**



**IC Controls 855 Dissolved Oxygen**

ppm level DO that auto calibrates in air. Two separate 4 to 20 mA can track DO and temperature. Two separate 5A relays can control reagent pumps or alarm DO out of limits, or operate automatic cleaning of electrodes. Sensor uses self-powered Galvanic technology that achieves 5 years service life when typically used from 0.1 to 2ppm. When service is needed there are easy to apply pop in membrane modules. 802 sensor oscillates and rotates to spin off rags in wastewater. 825 sensor handles in-line and other applications. [www.iccontrols.com](http://www.iccontrols.com) Search **855**  
[www.iccontrols.com](http://www.iccontrols.com) search **802**  
[www.iccontrols.com](http://www.iccontrols.com) search **825**

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- Please contact me.
- Please arrange for an-on site seminar.
- Please arrange for an on-site demo.
- What is availability?
- Please add me to your mailing list.