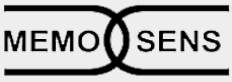


M4Knick News: Territory Expansion Announcement and Reviewing Memosens pH ROI Calculator



Cross Company's Flow and Safety Technologies team is pleased to announce a territory expansion for M4Knick in Georgia, bringing our total coverage to a total of six Southeastern states including North Carolina, South Carolina, Tennessee, Alabama and Florida. We look forward to serving the needs of our customers with complete inline analytical solutions for pH, ORP, conductivity and oxygen.

ROI and Memosens® pH

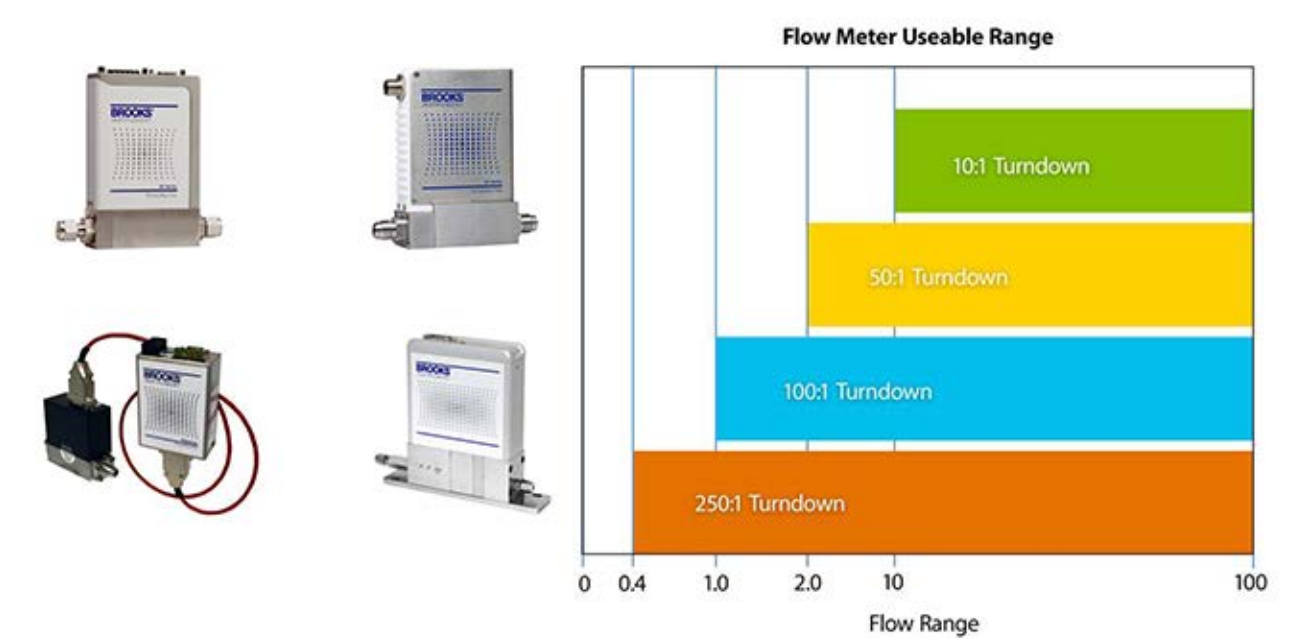
What is Memosens®?	Why is Memosens® Important?
 <p>Smart Digital Liquid Analytics</p> <p>Memosens® is a digital connection and communication protocol for analytical sensing technology. Memosens® provides a quality signal. The hermetically sealed, galvanically isolated, inductive connection ensures a reliable signal. Calibration and sensor conditions are continuously monitored and stored in the sensor head.</p>	<ul style="list-style-type: none"> • Galvanically isolated • Inductive electrical connection assures disturbance-free data transfer • Calibration data stored in the sensor head • Digital communications eliminate external interference and assign calibration data to the sensor • Predictive maintenance. The sensor continuously monitors wear, glass impedance, zero-point, slope, response time, calibration intervals • Submersible due to the hermetically sealed sensor head • Several manufacturers have standardized on this open-architecture digital protocol

The cost to own a pH measurement loop can be high relative to other types of instrumentation. Take a look at the M4Knick pH ROI Calculator to learn how much your operation could save using Knick Memosens pH.

As a distributor for M4Knick, our Flow and Safety Technologies group can work with your team to determine the best products and solutions for your operation. Try out the calculator and start a conversation with a Cross expert today to learn more!

Calculate Your ROI

What Does Usable Range of a Mass Flow Controller Actually Mean?



The team at Brooks Instrument breaks down the definition of Usable Range of a mass flow controller. "When we say usable range, we mean the range from the maximum measurable flow rate of the device, also known as the full scale range of the device, to the minimum that provides good meaningful results for the process. The minimum is often limited by the flow sensor's ability to provide a clean stable accurate signal and or the control valve's ability to maintain stable flow control at both high and low flows."

[Take a look at the full guide on the Brooks Instrument website](#) and contact a Cross flow and safety technologies team member to help determine which products and solutions are best for your operation.

Contact Us

Preventing Incidents When Filling and Emptying Tanks



Most of the incidents that occur with atmospheric storage tanks occur during filling and emptying. When people think of tank incidents they generally think of implosion or explosion due to corrosion or erosion. That is not the case most of the time. There are a number of other factors that you must consider related to tank accessories to prevent filling and emptying incidents.

Having the right equipment on your tank functioning properly, calibrated, and set correctly will help to prevent incidents when changing the volume of material in a tank.

[Read about the five critical types of equipment](#) that must be properly maintained to ensure tank function and safety, then contact a Cross tank expert today to learn about our Tank Optimization Program.

Contact Us



Newsletter Archives

- Flow & Safety Technologies
- Robotics & Machine Automation
- Precision Measurement

- Hose & Fittings
- Process Control Integration
- Mobile Systems Integration

SHOP CROSS

Visit Our On-Line Store for Everything Industrial!
shopcross.com

