

## FCI Product Knowledge Workshop Offers Free Training On Thermal Flow Meters and Flow Switches

*Biogas, Chemical, Electric Power, Food/Beverage, Landfill, Mining,  
Oil/Gas, Pharmaceutical, Pulp/Paper, Water, Wastewater*

**San Marcos, CA** — Fluid Components International (FCI) announces that registration is open for its next free customer training Product Knowledge Workshop, which will take place on October 15-16 in San Marcos, California. This workshop is designed to provide customers comprehensive training on FCI thermal dispersion mass flow meters, flow switches, and level switches.

Classes will include the first live training for the recently announced ST80 Series thermal flow meter with breakthrough Adaptive Sensor Technology™ (AST™) featuring an innovative hybrid sensor drive. This patent-pending measuring technique combines, for the first time, both of the industry's highly proven constant power (CP) and constant temperature (CT) thermal dispersion sensing technologies in the same instrument.

When operating in AST mode, the new ST80 Flow Meters measure in CT during start-up and through the lower flow ranges, and will then seamlessly shift into CP mode at mid-range and higher flow rates. The result is a best of both technologies performance level where the advanced ST80 meters deliver extremely fast response with extended measuring ranges at low power consumption to maximize sensor reliability and reduce instrument energy expenses.

Complementing this new measurement drive technique are a choice of four different flow sensor element designs to further ensure best installed performance, including FCI's new wet gas solution. These meters also incorporate FCI's rugged no-moving parts flow element design, which provides direct mass flow measurement with just a single process penetration and requires virtually no maintenance.

To register for FCI's Product Knowledge Workshops, call FCI's Training Department at 760-736-6117 or email [training\\_tm@fluidcomponents.com](mailto:training_tm@fluidcomponents.com). Interest lists are now also being formed for future classes in Europe, Asia, and the Middle East. The classes, accommodations, refreshments and lunch are at no charge at FCI's corporate office in San Marcos, California. Attendees provide their own transportation to FCI's training facilities.



FCI's products are requested by name in many of the world's most demanding environments for flow instrumentation. They are recognized for their precision measurement accuracy and repeatability in harsh conditions, where their high performance ensures both end-product quality and operational safety.

FCI's flow meters are designed with advanced thermal dispersion mass flow sensors. They combine precision flow measurement accuracy with a rugged design that is compatible with caustic, corrosive, humid and high temperature environments. They are highly reliable, easy to install, require virtually no maintenance and are designed for long-life.

FCI flow switches feature an advanced no-moving parts thermal dispersion flow sensor that makes them ideal for a wide range of point-level process applications. Their versatile design also allows them to measure flow or level or temperature. The company's NuTec® flow switch is designed with a unique non-contacting flow element that completely separates the sensor from the process media, which makes it ideal in sanitary flow processes common to the food/beverage and pharmaceutical industries.

Flow conditioners developed by FCI's Vortab Company provide a low-pressure loss solution to correcting flow profile irregularities that affect the accuracy of flow instrumentation. In today's crowded plants, elbows, valves, blowers and other devices in the pipeline can disrupt flowing media, which reduces measurement accuracy. Vortab® flow conditioners eliminate these flow disturbances to ensure accurate data.

All FCI products are tested and calibrated to rigorous standards at FCI's world-class, fully NIST traceable flow calibration laboratories to ensure instrument accuracy with the customers' actual fluid and process conditions. FCI's calibration laboratories are ISO 9001:2015 certified and AS9100 compliant. They also meet MIL-STD-45662A and ANSI/NCSS-Z-540 requirements. The company's advanced technologies also include mechanical design, advanced materials, metallurgy, electronics, communications and more.

Fluid Components International is a global company committed to meeting the needs of its customers through innovative solutions to the most challenging requirements for sensing, measuring and controlling flow, level and temperature of air, gases, and liquids.