

New FCI CD Catalog Provides Innovative Flow/Level Measurement & Application Solutions

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



San Marcos, CA —With helpful case studies, applications notes and best practices information, the new [FCI Flow/Level Measurement Product and Services Catalog CD Release 13.0](#) from Fluid Components International (FCI) provides a wide range of innovative instrument solutions that increase process productivity, reduce plant maintenance and lower operating costs.

The new 2012-2013 FCI CD Catalog assists engineers in specifying the right flow, level or temperature instrument for improving plant process control lines or increasing OEM equipment performance. For over 45 years, FCI has been a leader in solving flow and level measurement problems in the most rigorous operating and high reliability environments.

FCI's free CD Catalog is now available by visiting the company's web site at www.fluidcomponents.com/cd. The new CD explains FCI's precision thermal dispersion mass flow measurement technology, as well as providing comprehensive product specifications. It also includes the company's popular, comprehensive FAQ Library.

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. The company offers a broad range of application solutions from off-the-shelf devices to custom-engineered systems.

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's ST100 Series Flow Meter is the first triple variable instrument that measures mass flow, temperature and pressure. An on-board data logger stores 21 million readings on

a removable card. Extensive outputs and digital bus flexibility provide for DCS, PLC, SCADA and more. The device includes a graphical LCD with four-button, through-the-glass touch activation for showing measurements and alarm status.

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.

Custom designed flow and level sensors for OEM applications from FCI are ideal for use in a wide range of industrial equipment where monitoring, high/low alarming, metering, switching and totalizing are required. Ideal for gas or liquid applications, these devices feature advanced micro-electronics for direct mass flow measurement in a rugged, no-moving parts design that offers exceptionally high reliability and long-life.

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 ISO9001:2008 certified and AS9100 compliant. They also meet MIL-STD-45662A and ANSI/NCSL-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.

Contact: FCI: 1755 La Costa Meadows Dr, San Marcos, CA 92078
Web: www.fluidcomponents.com Tel: 800-854-1993 Tel: 760-744-6950 Fax: 760-736-6250
Email: FCImarcom@fluidcomponents.com