



press information

CONTACT: Mary Costain, +508/549-6321 (mcostain@foxboro.com)

Invensys Digital Coriolis mass flowmeter receives CONTROL ENGINEERING Editors' Choice Award

Foxboro mass flow meter chosen from thousands reviewed by CE editors in 2002.

Patented technology allows Foxboro mass flow meters to continue operating with large amounts of entrained gases

FOXBORO, MASSACHUSETTS, January 30, 2003 – The Invensys Foxboro CFT50 Digital Coriolis Flowmeter has been selected by the editors of Control Engineering as one of the most significant industrial control innovations of 2002. The CFT50 received the Editors' Choice Award in the Instrumentation and Process Sensors category of the 16th annual awards program because of its unique capability to continue operating during two-phase flow.

"Each month CONTROL ENGINEERING's editors review hundreds of new product releases -- and publish only the best. Of the thousands of products we reviewed last year, Invensys Foxboro's new CFT50 Digital Coriolis Flowmeter was one of only 35 to earn the coveted Editors' Choice Award," said Mark Hoske, CONTROL ENGINEERING editor-in-chief. "The CFT50 Digital Coriolis Flowmeter was awarded Editors' Choice in the Instrumentation & Process Sensors category based on the criteria of service to the industry, technological advancement and control market impact," said Hoske.

The CONTROL ENGINEERING award is the second prestigious award that the CFT50 Digital Coriolis mass flowmeter has won recently. Late last year it was awarded "Best of Show" at the Instrumentation, Systems, and Automation Society (ISA) annual conference.

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33 Commercial Street, Foxboro, MA 02035 USA



The new Foxboro CFT50 Digital Coriolis mass flow transmitter features patented technology that allows it to continue operating with large amounts of entrained gases, thereby significantly improving productivity in any application where flow is involved, including oil and gas, food, chemical and pharmaceutical processing.

"This revolutionary product addresses a critical but problematic application area that has long plagued the industry. This unique measurement technology will improve resource productivity for our clients, a central focus for Invensys," said John McKenna, president, Foxboro Measurement and Instrumentation Division of Invensys. "Being selected as an industry innovation by the editors of Control Engineering is a true validation of the CFT50 Digital Coriolis flowmeter. Control Engineering is a recognized leader in covering breakthrough products for measurement, instrumentation, control, and automation."

Capable of performing in batch applications starting with empty flow tube conditions, the CFT50 Digital Coriolis is designed to control all aspects of the Coriolis meter for precise measurement in traditionally difficult flow measurement applications. It incorporates a patented dual digital processing system to improve meter control throughout all stages of void fraction operation.

"The Digital Coriolis extends the applicability of Coriolis flow meters," said Michael Jost, vice president, Foxboro Measurement and Instrumentation Division of Invensys. "The CFT50 offers the best of both worlds; precise and reliable measurement for demanding applications at a low cost of ownership. It provides direct measurement of mass flow, which is highly desirable in applications requiring precise, accurate measurement, particularly for difficult to meter materials, such as slurries and non-homogeneous fluids," said Jost. "The CFT50 reduces cost of ownership significantly. Even with large amounts of gas entrainment or slugging, the meter continues to operate uninterrupted, eliminating loss of production. Maintenance and operating costs can also be reduced since the transmitter can be used with a wide variety of fluids without re-calibrating," Jost said.

Allowing precise determination of mass flow and density, the CFT50 improves measurement response time by a factor of 10 or more over existing Coriolis meters.

Compatible with all Foxboro manufactured CFS10/20 series mass flow tubes, the CFT50 is ideally suited for applications such as railcar and tank truck unloading, pharmaceutical batch

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applications, pulp and paper coating applications, dairy processes in cheese manufacturing, and problematic fluids that foam.

For more information on the CFT50 mass flow transmitter, readers can call 1-866-570-8182, or email ordercft50@foxboro.com.

ABOUT CONTROL ENGINEERING

Control Engineering, www.controleng.com, covers the \$130 billion worldwide control, Instrumentation and automation systems marketplace. With circulation of 88,000, the magazine is the voice of the global automation industry, providing comprehensive information on technology, news and trends, to end-users, original equipment manufacturers, and system integrators, across more than 65 industries. Control Engineering is part of Reed Business Information, www.reedbusiness.com, a member of Reed Elsevier Inc.

ABOUT INVENSYS

Invensys plc is a global leader in production technology and energy management. The group helps customers improve their performance and profitability using innovative services and technologies and a deep understanding of their industries and applications.

Invensys Production Management works closely with customers in order to drive up performance of their production assets, maximize their return on investments in production technologies and remove cost and cash from their whole supply chain. The division includes APV, Avantis, Baan, Eurotherm, Foxboro, SimSci/Esscor, Triconex and Wonderware. These businesses address process and batch industries -- including the oil, gas and chemicals, food, beverage and personal health care -- and the discrete and hybrid manufacturing sectors.

Invensys Energy Management works with clients involved in the supply, measurement and consumption of energy and water, to reduce costs and waste and improve the efficiency, reliability and security of power supply. The division includes Energy Management Solutions, Appliance Controls, Climate Controls, Global Services, Metering Systems, Powerware and Home Control Systems. These businesses focus on markets connected with power and energy infrastructure for industrial, commercial and residential buildings.

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The company also serves the specialized rail, wind-power and electronic manufacturing (power components) markets through Invensys Rail Systems, Hansen Transmissions and Lambda, respectively, in its development division.

Invensys operates in more than 80 countries, with its headquarters in London.

For more information, visit www.invensys.com.

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NOTE TO EDITORS: High-quality photos of the Foxboro CFT50 Digital Coriolis meter are available at <http://www.invensys.com/pressroom/index.htm>. Just click on "Image Gallery," then "Instruments."

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