

Press Release: Product Announcement

Low-cost digital mass flow controller for analytical applications



Sensirion AG (Stäfa, Switzerland) presents its new, fully digital SFC3200 mass flow controller for gas flow rates up to 2000 sccm

Sensirion presented the SFC3200 mass flow controller for OEM applications at Pittcon 2007 in Chicago. This new member of the compact, low-cost SFC3000 family can be used to measure and control relatively high flow rates up to 2000 sccm

The sensor element determines the accuracy and precision of a mass flow controller. The CMOSens® sensor technology used in this family provides extremely accurate, repeatable measurements and thus enables fast, exact control of gas

flows at very competitive prices.

The device features a digital control core, which allows several different gases and control ranges to be calibrated and stored for easy selection under software control. The SFC3200 has a bus-capable RS485 interface. Thus multiple devices can be controlled and powered using one single cable.

The standardized digital hardware (RS485 and RS232) enables rapid integration into analytical instruments.

The SFC3000 family is primarily aimed at customers that wish to use several mass flow controllers in their instruments in constrained spaces. However, the SFC3200 is also an attractive solution for users that want to use only one type of mass flow controller in several different configurations, for logistical or other reasons.

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About Sensirion:

Sensirion is a high-tech sensor company based in Staefa close to Zurich, Switzerland. Sensirion is the leading international supplier of intelligent CMOS-based sensor elements using patented CMOSens® Technology for humidity/temperature sensors, mass flow measurement and control devices for gases and liquids, and differential pressure sensors. Sensirion provides international OEM customers with tailored sensor system solutions for applications such as mass flow controllers, building automation modules, medical technology, and consumer goods. Sensirion customers benefit from intelligent system integration (integrated intelligence including calibration and digital interface) and can achieve cost savings thanks to easy system interfacing (ease of use) and modularity.