

Press Release: Exhibition News

November 2011, Sensirion AG, 8712 Staefa, Switzerland

Numerous new products and innovations at COMPAMED 2011

At COMPAMED 2011 in Dusseldorf from November 16 to 18, Sensirion (hall 8a, booth H19.6) will once again be presenting new innovations in the fields of gas and liquid flow, differential pressure, humidity and temperature sensing:

COMPAMED 2011 Website: www.sensirion.com/events

Flow sensor for applications in anesthesia and ventilation

The new flow meter is based on the latest CMOSens® chip generation and features very low pressure drop, high speed and extremely high accuracy for measurements in a range up to 250 slm. The sensor additionally has an I²C interface and outputs a fully calibrated, temperature compensated signal. The SFM3000 is the first product in Sensirion's medical platform for mass flow sensors and is suitable for applications in anesthesia and ventilation.



Flow Sensor SFM3000

SFM3000 Website: www.sensirion.com/sfm3000

New mass flow sensor for fluids

Along with the proven LGx16 OEM microsensor for efficient measurement of flow rates under 80 ml/min, a new flow and bubble detector is on display. The LG01 for detecting extremely low flow rates and air bubbles is a simple, cost-effective sensor and is especially suitable for integration in biomedical applications. Both sensors set standards for sensitivity, speed and size and offer attractive options for the improved control of very small fluid volumes. They allow small liquid volumes to be dispensed with substantially greater reliability.

LGx16 Website: www.sensirion.com/lgx16

LG01 Website: www.sensirion.com/lq01

New versions of differential pressure sensors

The digital and analog differential pressure sensors in the SDP600 and SDP1000 series, which have already been used in the millions, feature excellent long-term stability combined with very high sensitivity and accuracy. Now we offer a wide range of new versions of differential pressure sensors with extended or very low measurement ranges, low power consumption and certified failsafe characteristics.



Differential pressure sensors
SDP600 and SDP1000

SDP600 Website: www.sensirion.com/sdp6x0

SDP1000 Website: www.sensirion.com/sdp1000

About Sensirion

The Swiss sensor manufacturer Sensirion AG is a leading international supplier of CMOS-based sensor components and systems. Its range of high-quality products includes humidity and temperature sensors, mass flow meters and controllers, gas and liquid flow sensors, and differential pressure sensors. Sensirion supports its international OEM customers with tailor-made sensor system solutions for a wide variety of applications. Among others, they include analytical instruments, consumer goods, and applications in the medical technology, automotive and HVAC sectors. Sensirion products are distinguished by their use of patented CMOSens® technology. This enables customers to benefit from intelligent system integration, including calibration and digital interfaces. Sensirion's competence as a reliable OEM partner is underlined by its quality management system, which was certified in March 2008 in accordance with the ISO/TS 16949 standard.

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