

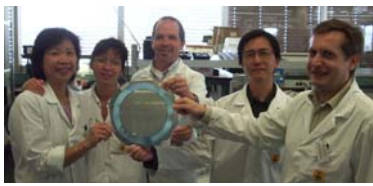
Press Release: Technology Breakthrough

July 2007, Sensirion AG, CH-8712 Staefa, Switzerland

Low-cost high-performance gas flow sensors? No contradiction anymore!

At Sensor+Test in Nürnberg the Swiss company Sensirion AG, based in Staefa, Switzerland, has presented a breakthrough in digital MEMS gas flow and differential pressure sensors.

Sensirion CMOSens[®] gas flow and differential pressure sensors have been produced with integrated intelligence in large quantities for several years. Produced on silicon base by a standard CMOS process, the sensors are being successfully used worldwide in several products and markets.



After more than fifteen years of research and development, the production has been enhanced to 8" wafer handling. Thus, CMOSens[®] high-performance gas flow and differential pressure sensors can now be produced even in millions at highest quality while further reducing the already low costs. This is possible thanks to the patented CMOSens[®] Technology. Hence, in its latest generation, Sensirion sensors can host complete intelligent sensor systems on very small (semiconductor) space. Such sensors feature built-in self-test algorithms, which make them a perfect suit for demanding applications, e.g. medical or gas burner control applications.

The first gas flow and differential pressure sensors exploiting all advantages of the latest generation CMOSens[®] Technology will be available in series from fourth quarter 2007.

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About Sensirion

Sensirion is a high-tech sensor company based in Staefa close to Zurich, Switzerland. Our company is a leading international supplier of intelligent CMOS-based sensor elements using patented CMOSens[®] Technology. The range of products includes humidity and 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 various applications such as mass flow controllers, building automation modules, medical technology, and consumer goods. Our customers benefit from intelligent system integration, including calibration and digital interface, and can achieve cost savings thanks to easy system interfacing (ease of use) and modularity.