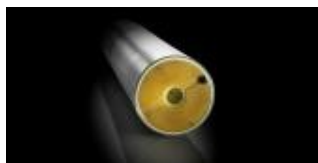


## HIGH-TECH SENSOR FROM AUSTRIA measures gasflow even in explosive environments

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**With technology which is unique worldwide, data on gasflow can be precisely gathered and transmitted in real time even in the most adverse measurement conditions.**

The company [GUNYTRONIC gasflow sensoric systems GmbH](#) specialises in innovative sensor and measuring technology. This Austrian firm deals with the production, distribution, maintenance and licensing as well as further development of the ion emitter sensor system for a wide range of industrial applications. For the first time ever it is possible to measure and evaluate all important data on the flow of industrial gases quickly and using a non-contact method even in extreme conditions.

Even when dust or damp are present, the GUNYFLOW V10-ATEX manages to measure the velocity of the gas, the volume (flow measurement) and the mass flow (using external temperature and pressure sensors), the direction and optional temperature simultaneously and in real time – without affecting the gas flow.

Industrial firms use gases of every kind for a wide range of different processes. To ensure efficient use it is important to gather as much information as possible about gas flows. Now the new sensor from GUNYTRONIC has succeeded in developing its technology which is unique worldwide: the sensor can also be used in areas at risk of explosion thanks to its recently completed ATEX certification. This marks the company's response to rising demand for increased safety and more extensive EU safety standards in industrial plants.

The further development of the widely acclaimed GUNYFLOW technology is opening up new opportunities for GUNYTRONIC – the sensor can now be used in explosive conditions. Areas of application include refineries, plants in the plastics and steel processing industries, petro-chemical and pharmaceutical plants, as well as power plants, biogas and waste incineration facilities.