



innovative
Sensor
Technology

Standard or customized

EMISSION MONITORING

SUSTAINABILITY

With ever stricter environmental regulations and ambitious pollution reduction targets the need for reliable and robust gas analyzers is rapidly growing.

iST sensors and modules boast excellent long term stability, are reliable, robust and accurate and have become an indispensable part of many air quality

monitoring systems and emission analyzers.

They are suitable for a wide range of devices. Talk to us about tailor-made sensor solutions for mass flow, humidity, temperature sensors and IR emitters!



physical · chemical · biological

Air flow measurement for gas analyzers - SFS01

Our SFS flow module is a ready-to-use, pre-calibrated mass flow module for precise mass flow measurement in flow ranges up to 50, 200 or 1000 sccm. This fast and compact flow module is suitable for gas dosing manifolds in analyzers and process control applications. It provides sensitive input for valve control and detects unintended reverse flow.

- Fast continuous gas flow monitoring with <20 ms response time
- Bi-directional calorimetric measurement
- Fits in 5 x 4 x 2 cm space
- Linearized digital and analog output with 0.2 % reproducibility



Order codes
sccm
154809 ±50
154808 ±200
154807 ±1000

Humidity and temperature module with VOC - HYT 939 P

Highly reliable RH/T module is standard TO39 format with membrane filter for effective VOC and particle protection. Suitable for indoor and outdoor applications including stationary, portable and laboratory test equipment.



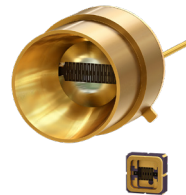
Order code
154417

- Fast real-time/in process measurement
- Compact gas-tight integration
- Condensation-safe in 0..100 % RH range
- Factory calibrated, digital module with ±1.8 % RH accuracy (custom low RH calibration available)

Gas concentration monitoring - Thermal infrared emitters

Push your continuous emission monitoring system (CEMS) to the limits with high-performance infrared components. Our IR emitters boost a high energy output with low energy consumption. The powerful and pulsable IR light sources enable reliable and high-resolution analysis of various gases.

- Long-term stable performance under demanding environmental conditions
- Reliable and sensitive analysis of harmful pollutants like N_2O , CH_4 , CO_2 , NO_x and SO_x
- High custom potential, e.g. for ATEX environment



Go to
webshop



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