

## Introducing Axetris LGD F200P2-A CH4 **Reproducible – Long-Term Stability**

Axetris AG (Switzerland) and its Laser Gas Detection (LGD) business line is pleased to announce the new LGD F200P2 module for Methane Leak Detection applications. With improved product and software design, the LGD F200P2 opens up further possibilities for Axetris customers, helping them to achieve better detection performance and long-term stability.

### A Range of Added Benefits

Axetris customers benefit from the robust and highly reliable new line-tracking design and algorithm. This not only improves the long-term stability of the platform 2, but also in a lower detection limit and quicker response time T90. As a consequence the integration effort is reduced, the gas analyzer designs are simpler, and zero/span interval sequences can be reduced or even eliminated.



With the introduction of F200 **Platform 2**, Axetris has achieved a flexible product platform that enables easy implementation of your specific application requirements. The widely-sold product for methane leak detection, LGD F200P2-A CH4, is available to Axetris customers starting September 2017.

### Improvements at a Glance

- Reliable Measuring Performance
- Lower Detection Limit
- Long-Term Stability
- Improved Response Time T90

### Your Applications

Gas Analysis for:

- Environmental Compliance / CEMS
- Process Control
- Research

### Our Strengths

- Laser Spectroscopy (TDLS) based
- High Selectivity and Precision
- Fast Response Times

## About Axetris AG

Axetris AG, a company of the Leister group, serves OEM customers with microtechnology-based (MEMS) infrared light sources, laser gas sensors, mass flow sensors and controllers and micro-optical components used in industrial, process control, environmental, medical automotive and telecom applications.

Axetris supports its customers in many industries with in-depth application know-how. Our engineering and manufacturing teams combine broad experience in simulation, design, manufacturing and metrology from microchip level to advanced electronic and electro-optic modules.

Customers benefit from excellent product value, consistent high product quality and outstanding customer support. OEMs rely on Axetris as a competent and sub-system partner for a wide range of high-quality, off-the-shelf products as well as customer-specific solutions from concept to volume production.

Axetris is ISO 9001:2015 certified and operates its own 6" to 8" wafer MEMS foundry in Central Switzerland for its own products and external customers.



### Laser Gas Detection Modules for OEM Integration

Axetris' Laser Gas Detection (LGD) modules are self-contained, ready-to-use devices for the measurement of gases such as  $\text{NH}_3$ ,  $\text{HCl}$ ,  $\text{CH}_4$ ,  $\text{CO}_2$ ,  $(\text{H}_2\text{O})$ . The modules are designed for integration by Original Equipment Manufacturers (OEMs), active in the field of gas analysis and monitoring in diverse industries.

The high sensitivity and large dynamic range of the Tunable Diode Laser Spectrometry (TDLS) detection technology enables measurement from sub-ppm level to high percentage concentration without physical adaptation of the device. The design of the LGD F200P2 enables a tailor-made application fit for a wide range of gases and applications, including process control, environmental compliance, research and medical.

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