

Introducing Axetris LGD F200P2-H HCl More Possibilities

Axetris AG (Switzerland) is pleased to announce the new Platform 2 for its Laser Gas Detection (LGD) product line. With improved product and software design, the LGD F200P2 opens up further possibilities for Axetris customers, helping them achieve higher detection performance while easing servicing effort.

A Range of Added Benefits

Axetris customers profit from better sensitivity (LDL) performance due to improvements in product architecture and measurement algorithm. The new design reduces warm-up time of the gas measurement cell, which enables a shorter time to a stable measurement for hot gas applications. Platform 2 further improves on long-term stability by making the product more robust for use in industrial environments. This translates into lower maintenance efforts, and longer zero/span intervals for gas analyzers. Product modularity makes field service tasks easier and more cost-efficient for the end user.



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 CEM Waste Incinerator LGD F200P2-H HCl is available to Axetris customers starting May 2017.

Improvements at a Glance

- Improved Sensitivity (LDL)
- Quicker Warm-Up Time
- Long-Term Stability
- Service-Friendly Design

Your Applications

Gas Analysis for:

- Environmental Compliance / CEMS
- Process Control
- Research

Our Strengths

- Laser Spectroscopy (TDLS) based
- High Selectivity and Precision
- Hot-Wet Gas Measurement

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 certified and ISO TS 16949 compliant 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 NH_3 , HCl , CH_4 , CO_2 , (H_2O) . 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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