



PRODUCT
DATASHEET '25-26'

ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



Gaz-SPM

Gaz Series Dust Analyser

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Gaz-SPM Dust Analyser

Overview

The Gaz-SPM Dust Analyser is a next-generation online monitoring instrument designed for real-time, uninterrupted tracking of smoke emissions from pollution sources. Engineered to withstand harsh environmental conditions—including wind, rain, lightning, dust, and extreme temperatures—it ensures reliable long-term performance.

Industries benefiting from this technology include cement, thermal power, steel, metallurgy, oil refining, aluminum, petrochemical, papermaking, and glass manufacturing. For cutting-edge air quality and emission monitoring solutions, **Advance Analytik** delivers precision-driven analytical instrumentation tailored to industrial compliance and efficiency needs.



Product Features

- Provides 24/7 real-time and continuous monitoring of smoke and dust emissions.
- Designed to withstand extreme environmental conditions like wind, rain, lightning, dust, and temperature fluctuations.
- Utilizes advanced optical measurement technology for precise smoke concentration analysis.
- Ensures compliance with environmental regulations for industrial emission monitoring.
- Delivers highly accurate and stable measurement data with minimal drift.
- Self-diagnostics for error-free operation.
- Seamlessly integrates with CEMS and industrial monitoring systems.
- Detects a wide range of particulate concentrations with high sensitivity.
- Supports remote monitoring and real-time data transmission.

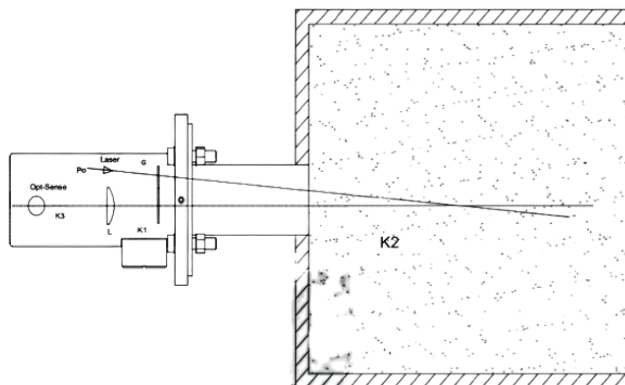
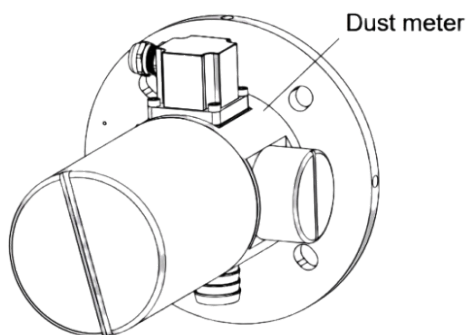


Gaz-SPM

Technical Specifications

Category	Specifications
Working Principle	Laser scattering
Measurement Object	Industrial waste gas, smoke
Mechanical Properties	Full metal shell Dimensions: 186 × 200 × 182 mm (H × W × D)
Weight & Protection	3 kg, IP65
Optical Properties	Working wavelength: (650 ± 20) nm
Measuring Performance	<ul style="list-style-type: none">• Measuring range: (0-60, 100, 500, 1000, 2000) mg/m³.• Zero drift: ±2% FS / 24 h• Span drift: ±2% FS / 24 h• Response time: ≤ 10 s
Power Requirements	DC: 24 V / 0.5 A
Environmental Conditions	Working temperature: 0 to +60 °C
Analog Output	4 - 20 mA
Digital Output	RS485
Flue Diameter	0.2 - 20 m

DIMENSIONS





Note -

This data sheet serves as general information about the Gaz Series - Dust Analyser. For specific technical details, installation guidelines, and troubleshooting assistance, please refer to the official user manual provided with the product.

For inquiries and detailed technical information, please contact sales@advanceanalytik.com.



LET'S CONNECT!

Let's work together to find a solution that works for you



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