

Ultraviolet Differential Spectrometer Manufacturer



AI Overview

Leading manufacturers of Ultraviolet Differential Spectrometers include Opsytec Dr. Groebel GmbH (Germany) and Zetron (China), offering industrial-grade UV measurement and online differential UV spectrometry solutions.

Key Manufacturers

- Opsytec Dr. Groebel GmbH (Germany)** Opsytec is a globally recognized supplier of industrial UV measurement technology. They develop and produce UV measuring instruments, UV sensors, UV systems, and UV irradiation chambers. Their products are widely used in industrial applications, and the company operates an ISO 17025-accredited calibration laboratory for UV sensors and spectrometers, ensuring high accuracy and reliability. Opsytec has a long history of innovation in UV measurement, including microprocessor-controlled spectral radiometers and LED-based UV systems covering 265–450 nm.
- Zetron (China)** Zetron manufactures the DOAS-3000 Online Differential UV Spectrometer, primarily used in gas analysis, including flue gas emissions, desulfurization, denitrification, VOC monitoring, and sewage pipeline gas detection. The system features automated sampling, dust filtration, temperature and humidity control, and real-time data transmission to PLCs or cloud servers. Zetron emphasizes high-temperature, high-humidity, and high-dust applications, offering both automated and manual maintenance options.

Additional Considerations

Applications: These spectrometers are used in environmental monitoring, industrial process control, and laboratory analysis.

Calibration and Accuracy: Opsytec provides accredited calibration services, which is critical for precise UV measurements.

Automation and Connectivity: Zetron's systems support automated data collection and remote monitoring, suitable for continuous industrial operations.

Global Availability: Opsytec is based in Germany with worldwide recognition...

Article Content

High Performance Optical Spectrometer Products

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UV-DOAS analyzer

Introduction Gasboard-3000 UV is designed based on ultraviolet differential optical absorption spectroscopy (UV - DOAS) technology. Compared with the Luft

UV-DOAS Gas Monitoring Solutions in OPSIS

OPSIS monitoring technology is based on a well-established scientific principle for identifying and monitoring concentrations of different gases, differential optical

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Find out how differential optical absorption spectroscopy is used to measure pollution in continuous emission monitoring systems all over the world.

6) GHFRPSRVLWLRQ Quantitative detection of trace H₂S based

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DOAS-2000 Online Differential Ultraviolet Gas Analyzer

Erantex is a professional DOAS-2000 Online Differential Ultraviolet Gas Analyzer manufacturer and supplier in China. With our own factory, we can offer newest

UV/VIS Spectrophotometer / EMC LAB

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UV VIS | UV Vis Spectrometers | Thermo Fisher Scientific

UV-Vis Spectrometers from Thermo Fisher Scientific provide reliable, quantitative spectroscopy chemical analysis for teaching, research, and industrial labs.

UV-VIS spectrometers for system integration

UV-VIS spectrometers are important for analyzing samples in the ultraviolet, visible and near-infrared spectrum (typically 200-1100 nm). UV-VIS instruments utilize a

Top 10 UV Spectrophotometer Brand & Manufacturers

This section provides a list of the top 10 UV Spectrophotometer manufacturers, Website links, company profile, locations is provided for each company. Also provides a detailed product description of the

UV-VIS spectrometers for system integration

At Ibsen, we understand that volume manufacturing of application-specific UV-VIS spectrometers is a completely different task than building a single scientific instrument. We are an ISO 9001 and 13485

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