



ADVANCED **GAS SOLUTIONS** FOR WASTE & BIOGAS

Diamond Scientific provides high-quality industrial gas analyzers for industries such as aerospace, manufacturing, landfills, biodigesters, and medical facilities. We offer expert calibration, startup, and repair services to ensure optimal performance.

Serving the solid and liquid waste industries, biogas facilities, and air monitoring communities, our manufacturer-trained technicians provide expert servicing for handheld and portable analyzers in our lab. We also offer on-site maintenance of fixed instruments at client facilities to ensure reliability and precision across all operations.



WHY CHOOSE DIAMOND SCIENTIFIC?



ISO 17025 and UL &
Safety Certified
Devices



Over 42+ Years of
Experience



Top Quality
Technology



Authorized
Distributor



SWANA Hall
of Flame

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WASTE TREATMENT & OPTIMIZATION



LANDFILL LEACHATE TREATMENT

Advanced treatment units using ultrafiltration and reverse osmosis to efficiently purify leachate and industrial processed water.



OPTIMAX

Simultaneous measurement of up to 7 gases is possible. Biogas measurement for O₂, H₂S, CH₄, and CO₂ (infrared detection for CO₂ and CH₄), as well as emissions measurement for O₂, CO, NO, NO₂, and CO₂. Additionally, pressure measurement, including stack pressure, is supported.



BIOMETHANE 3000

Certified to CSA, ATEX, and IECEx Zone 2, equipped with a multi-faceted alarm system for early warning awareness. In addition to measuring CH₄ and CO₂, and optional measurement of H₂S, H₂, and CO.



THE SWG 100 BIOGAS

For optimizing production, performance, and reporting, up to 10 sites can be monitored via time-sharing for O₂, CO₂, CH₄, H₂S, H₂, and CO.

GAS & ENVIRONMENTAL MONITORING



THE TXP-T40 TRANSMITTER

Available with single or dual sensors, this device enables inline monitoring at wastewater plants with wireless models. It detects gases like O₂, CO, H₂S, and more.



BIOSPEC VOC

Designed for real-time VOC monitoring in biogas upgrading plants, this solution allows OEM plant suppliers to integrate it into their systems and retrofit existing plants.



THE SPOD

A solar-powered ambient air monitor for VOCs, designed to detect fugitive gas emissions. When paired with an optional anemometer, it helps identify emission sources.



BIOGAS 5000

A handheld analyzer for measuring CH₄, CO₂, O₂, with for H₂, NH₃, and H₂S. It is calibrated to ISO/IEC 17025 standards. Designed to meet Global Renewable Energy and Carbon Credit requirements.

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