

SIEMENS

Ingenuity for life



Analytical Products and Solutions

Reliability and efficiency in
continuous gas analysis



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Siemens offers a wide and innovative continuous gas analysis portfolio designed to meet all users expectations for comprehensive products and solutions.

ULTRAMAT 23 (extractive)

Single beam NDIR multi-component gas analyzer. Measures up to 3 IR active gases, measures O₂ with electrochem cell for many standard applications and emissions monitoring. Optional H₂S electrochem cell for biogas/landfill application.

ULTRAMAT 6 (extractive)

Tough application multi-component dual beam NDIR analyzer for measuring infrared active gases in highly corrosive, chemical and hydrocarbon applications for ppm - % level and multi-component measurements based on infrared absorption principle.

ULTRAMAT/OXYMAT 6 (extractive)

Cost efficient combination of the ULTRAMAT 6 and OXYMAT 6 into a single unit configuration based on infrared absorption and paramagnetic principles.

OXYMAT 6 (extractive)

Our time proven tough application oxygen analyzer based on alternating pressure paramagnetic principle. SIL 2 approved.

OXYMAT 61 (extractive)

Economic oxygen analyzer for simple standard application based on paramagnetic principle

OXYMAT 64 (extractive)

Gas analyzer for trace oxygen measurement based on ZrO₂ sensor principle.

CALOMAT 62 (extractive)

Gas analyzer for corrosive application in the measurement of hydrogen and noble gases in binary gas mixtures based on thermal conductivity principles.

FIDAMAT 6 (extractive)

Gas analyzer for continuous total hydrocarbon measurement based on flame ionization detection principle.

SIPROCESS UV600 (UVRAS)

UV absorption principle with true reference measurement for individual or simultaneous measurement of up to three gas components: NO, NO₂, SO₂ and H₂S.

Siemens NOxMAT 600 CLD & HCLD (Heated Version)

Gas analyzer for continuous measurement of NO and NOx based on chemiluminescence's principle.

LDS 6 (in-situ)

A multipoint, In-situ Tunable Diode Laser gas analysis for NH₃, O₂, CO, CO₂, H₂O, HCl, and HF in NH₃ slip, process control, combustion, and safety applications.

SITRANS SL (in-situ)

Single point, in-situ Tunable Diode Laser gas analysis for O₂ in combustion, process control and safety applications.

Continuous Emissions Monitoring System (CEMS)

The CEMS is designed to monitor nitrogen oxides, carbon monoxide and oxygen in process boilers and furnaces according to 40 CFR 60.

* Series 6 gas analyzers are available in 19" rack mount version and field cabinet enclosure unit.

* ULTRAMAT/OXYMAT 6, FIDAMAT 6, OXYMAT 61 and OXYMAT 64 not available in field cabinet.



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