



ANALYTICAL PRODUCTS AND SOLUTIONS

# Reliability and efficiency in continuous gas analysis

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

[usa.siemens.com/analyticalproducts](http://usa.siemens.com/analyticalproducts)

**SIEMENS**

### ULTRAMAT 23 (extractive)

Single beam NDIR multi-component gas analyzer. Measures up to 3 IR active gases, measures O<sub>2</sub> with electrochem cell for many standard applications and emissions monitoring. Optional H<sub>2</sub>Selectrochem 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 ZrO<sub>2</sub> 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, NO<sub>2</sub>, SO<sub>2</sub> and H<sub>2</sub>S.

### Siemens NOxMAT 600 CLD & HCLD (Heated Version)

Gas analyzer for continuous measurement of NO and NO<sub>x</sub> based on chemiluminescence's principle.

### LDS 6 (in-situ)

A multipoint, In-situ Tunable Diode Laser gas analysis for NH<sub>3</sub>, O<sub>2</sub>, CO, CO<sub>2</sub>, H<sub>2</sub>O, HCl, and HF in NH<sub>3</sub> slip, process control, combustion, and safety applications.

### SITRANS SL (in-situ)

Single point, in-situ Tunable Diode Laser gas analysis for O<sub>2</sub> 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.



Siemens Continuous Gas Analyzer Repair and Loaner Program provides a fast, cost-effective strategy for bringing critical analytic processes back on line virtually overnight.

Published by  
Siemens Industry, Inc.

Process Automation  
Process Industries and Drives  
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Alpharetta, GA 30005

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Subject to change without prior notice  
Order No.: PIAFL-00023-0521  
Printed in USA  
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