

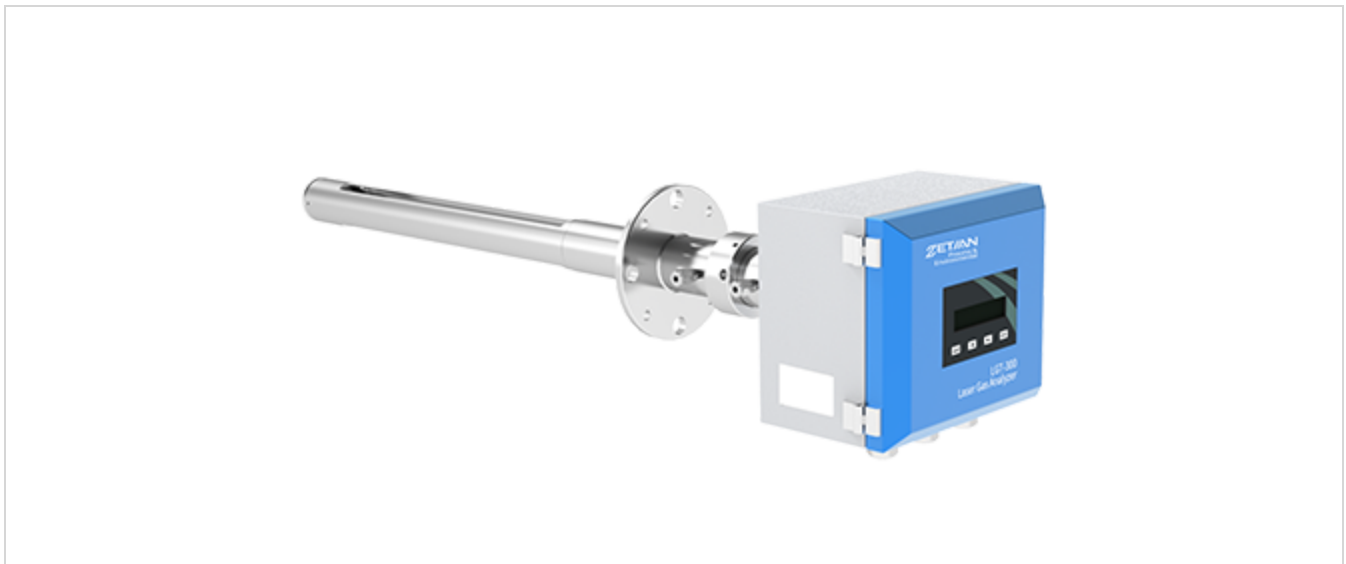


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LGT-300 Laser Gas Analyzer (One-side)

Product Overview

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LGT-300 Laser Gas Analyzer is a high-precision gas analyzer developed based on Tunable Diode Laser Absorption Spectroscopy (TDLAS), and can realize in-situ single-end measurement of gas concentration. The analyzer can online analyze multiple gases including O₂, CO, NH₃, H₂S, CO₂, N₂O,



- Single-ended measurement: no complex adjustment of optical path is needed
- Single-Line Spectrum Technology: free from cross interference of background gas
- In-situ measurement is adopted without pretreatment system to avoid sampling adsorption, blockage and component damage in preprocessing, reducing operation cost

| Applications

Exhaust monitoring and process control in waste incineration plants, coal fired power plants, cement plants, glass factories, ceramic factories, sintering, coke oven, Desulfurization Technology and Denitration Technology, etc.

| Specifications

Linearity error: $\leq 1\%F.S.$

Zero drift: $\leq 1\%F.S./half\ a\ year$

Span drift: $\leq 1\%F.S./half\ a\ year$

Response time: $\leq 1s\ (T90)$

Working temperature: $-20^{\circ}C \sim 60^{\circ}C$



Analogy output: 0~120mV output (isolation, max load of

750Ω)

Digital communication: RS485/RS232/GPRS

Purge gas: (0.3~0.8) MPa nitrogen, purified instrument

air

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