

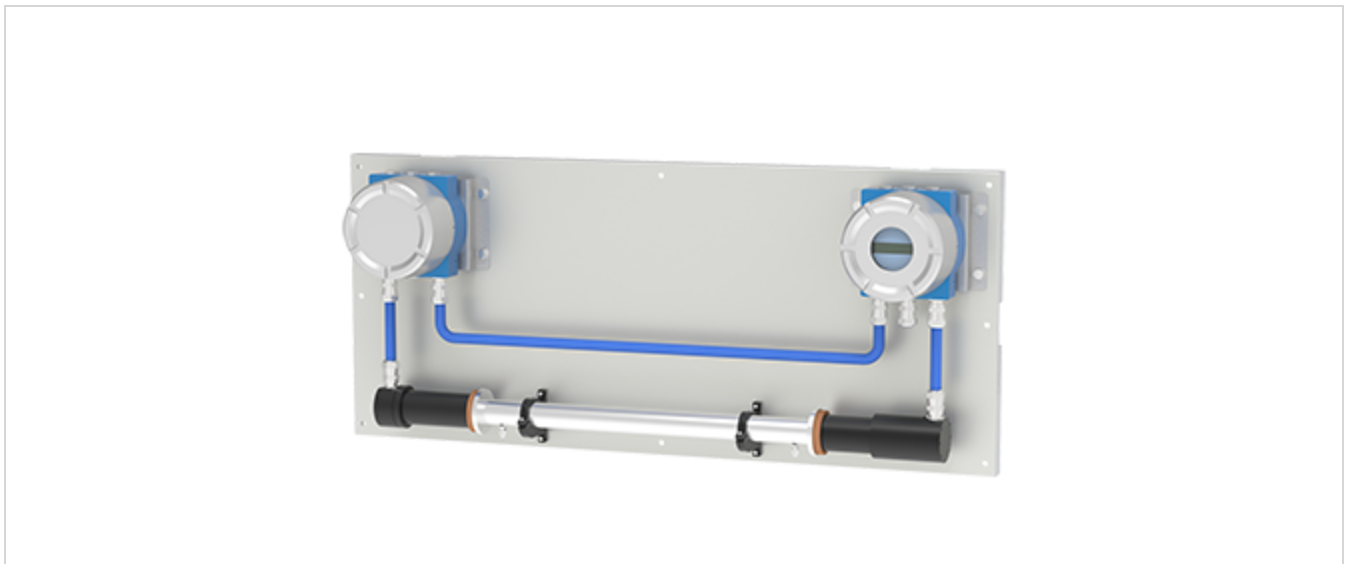


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LGT-160 Laser gas Analyzer (By-pass)

Product Overview

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LGT-160 is a kind of explosion-isolation by-pass tunable laser gas analyzer, which is developed for industrial online analysis and environmental online monitoring, especially suitable for high temperature, high humidity, high dust, high pressure and other harsh working conditions, as well as small pipelines and other occasions which are not suitable for in-situ installation and



components). The measured gas concentration ranges from constant to trace.

| Features

- Suitable for poor conditions of high dust, high humidity, high pressure and high temperature, as well as small pipelines which are not suitable for in-situ measurement
- Integrated explosion-isolation design, with good reliability and stability
- Innovative Hall button: good sensitivity, simple operation
- Support automatic calibration and automatic backblow function

| Applications

Trace H₂O monitoring and analysis in natural gas and chlor-alkali industries; gas monitoring and analysis at inlet of coal mill and at outlet of bag filter; waste gas analysis at flue of hot air furnace, 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

Ex-mark: ExdIICT6 GB



Analog input: 2x1-20mA input

Analog output: 2x4-20mA output

Digital communication: RS485/RS232/GPRS

Working temperature: -20°C~60°C

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

air

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