



## PRODUCTS

[Home](#) > [Products](#) > [LGT-2000 Laser Gas Analyzer \(Explosion-isolation\)](#)

## LGT-2000 Laser Gas Analyzer (Explosion-isolation)

### Product Overview

[Message](#)[Email](#)

LGT-200 Laser Gas Analyzer adopts TDLAS and Long Path Reflection Technology, which greatly reduce the detection lower limit and fill the gap that the existing general laser gas analyzer cannot measure trace gases. The analyzer can analyze O<sub>2</sub>, CO, NH<sub>3</sub>, CO<sub>2</sub>, CH<sub>4</sub>, H<sub>2</sub>O, HCl, HF, HCN and other gases and provide a brand new online measurement scheme of trace gases for



- Combined TDLAS with Long Path Reflection Technology to improve the detection limit
- Explosion-isolation design: operating by magnetic buttons, better than infrared buttons
- The backboard can be separated from the flameproof case for easy maintenance
- OLED screen of light weight, wide viewing angle and fast response is more suitable

## | Applications

Trace HCl and HF analysis in chemical and environmental protection industries; trace H<sub>2</sub>S analysis in natural gas, petrochemical, environmental protection, coal chemical industries; trace CO<sub>2</sub> analysis in medical, coal chemical industry, environmental protection and other industries; trace CO analysis in power, cement, steel, environmental protection and other industries, 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: 200ms (related to working condition)

Analog input: 2x4-20mA input

Analog output: 2x4-20mA output

Digital communication: RS485/RS232

Relay output: 3xoutput (24V, 1A)

Working temperature: -20°C~ 55°C

## You May Also Like

---

Products

---

News

---

Home