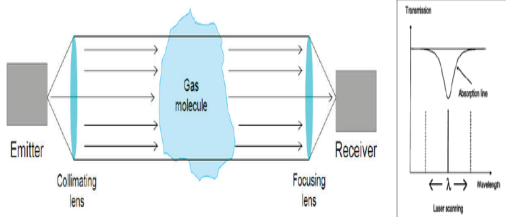
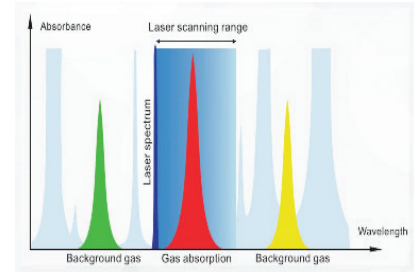


TDLAS Gas Analyzer (Tunable Diode Laser Absorption Spectroscopy)

MGL series -TDLAS gas analyzer is a wall mount panel and 19 inches 4U panel for industrial online analysis and environmental online monitoring. It mainly uses the character that tunable laser's narrow band and wavelength change with the current. This instrument adopts white cell to achieve folded optical path up to 30 meters. With this principle it can measure low detection limit and can online analyze O_2 , CO , NH_3 , CO_2 , CH_4 , H_2O , HCl , HF and other gases.



Features

- 19 inch 4U panel and 20" wall mount panel
- TDLAS eliminates cross-interference of background gas
- Multiple return optical path up to 30 meters, lower detection limit
- High resolution spectrum technology due to the "fingerprint" characteristic of the molecular spectrum
- Reflected light range can be adjusted, measurement ranges from constant to trace
- TDLAS has the advantages of rapid response speed and high sensitivity
- Easy maintenance
- Strong Anti-Interference Capability
- Parameter : O_2 , CO , CO_2 , H_2S , H_2O , HCl , HF , NH_3 , CH_4

Specification

- Linearity : $\leq \pm 1\%F.S$
- Span Drift : $\leq \pm 1\%F.S$
- Response Time : 1s
- Analogue Output : 4-20mA
- Power : 230VAC, 50/60Hz
- Communication : RS485 Modbus RTU
- Working Temperature : $-20^\circ C \sim +60^\circ C$

Application

- Metallurgical Furnace
- Petrolchemical
- Refining
- Urea Chlor alkali manufacturing process
- Waste Incinerator
- Industrial Flue gas denitration
- Cement Plant

