

Explosion Proof Industrial Laser Gas Analyzer for Hazardous Gas Detection

Basic Information

- Minimum Order Quantity: 1PC
- Stock: 1PC

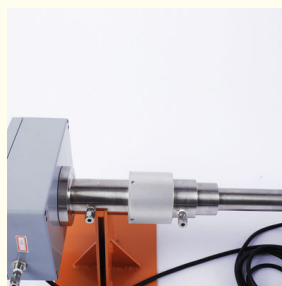


Product Specification

- Model NO.: KF200
- Measurement Principle: Dlas
- Power Supply: 220V AC/DC 24V(18~36V)
- Ambient Temperature: -30 ~60 Degree
- Storage Temperature: -40 ~80 Degree
- Installation Method: In-Situ Or Pass-by
- Explosion-Proof: Exp Xmd lic T5
- EMC: IEC 6100-4-2, IEC 6100-4-3, IEC 6100-4-4
- Protection Levels: IP65
- Transport Package: Carton
- Specification: 60kg
- Trademark: KELISAIKE
- Origin: Nanjing, China
- HS Code: 9027500000
- Supply Ability: 10sets Per Month



More Images



Product Description

Industrial On-line Environmental Monitoring Laser Gas Analyzer



>>>Product Description

The KF200 Series Laser Gas Analyzer is developed aiming at industrial on-line analyzing, and online environmental monitoring. Based on the semiconductor laser absorption spectroscopy (DLAS) technology, it is developed with features of an integrated design and high level of integration.

With various types of the KF200 series laser gas analyzer, including in-situ probing type, by-pass type, multi-channel and dismounted type, etc., gases like O_2 , CO , NH_3 , CO_2 , CH_4 , H_2O , HC , HF , etc., can all be analyzed. The concentration analyzing of target gases includes the macro-analysis and micro-analysis.

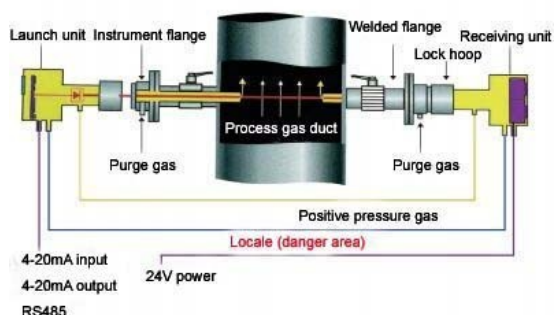
>>>Technical Characteristics

1. Adopting the DLAS technology, the in-situ online gas analyzing
2. Double proof probe design, without positive pressure purge, no additional data processing unit, simple compact structure, high reliability
3. Using high-power lasers, no fiber coupling, anti-hash working conditions (such as excessive dust condition)
4. Using patented technology of spot light path adjustment, easy for on-site installation

>>>Technical Specification

Measurement Principle	Tunable Laser Absorption Spectroscopy(TDLAS)	
Technical Data	linearity error	$\leq \pm 1\% \text{F.S.}$
	Span drift	$\leq \pm 1\% \text{F.S./6 months}$
	Repeatability	$\leq 1\% \text{F.S.}$
	calibration period	$\leq 1 \text{ time/6 month}$
	Explosion-proof Grade	Ex d IIC T6
Response Time	Protection levels	IP65
	Warming-up time	$\leq 15 \text{ min}$
	Response time(T90)	$\leq 1 \text{ s}$
Interface Signals	Analog outputs	2-wire 4-20mA signal output(Isolated, maximum load 750 Ω)
	Analog inputs	2-way 4-20mA input(temperature-pressure compensation)
	digital outputs	RS485/RS232/GPRS/Bluetooth
	Relay output	3-wire relay(24V,1A)
	Ambient temperature	$-30^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Operating Conditions	Gas jet	0.3~0.8MPa Industrial nitrogen inlet and purification instrument gases etc.
	Power	220VAC,power is base on specific configuration
Installation	Installation Method	Sampling probe is mounted in the flue / pipe,system is installed nearby

>>>Main Process Line



>>>Gas Detection Limits

Detection Gas Type	Detection Limit	Detection range
O ₂	0.01%Vol.	(0-1)%Vol., (0-100)%Vol.
CO ₂	10 ppm	(0-1000)ppm,(0-100)%Vol.
H ₂ S	20 ppm	(0-2000) ppm, (0-100)%Vol.
HCl	0.1 ppm	(0-50) ppm,(0-100)%Vol.
NH ₃	0.1 ppm	(0-10) ppm, (0-100)%Vol.
C ₂ H ₂	0.1ppm	(0-10) ppm, (0-100)%Vol.
CO	10 ppm	(0-1000)ppm, (0-100)%Vol.
H ₂ O	0.3 ppm	(0-50)ppm, (0-100)%Vol.
HF	0.02 ppm	(0-5)ppm, (0-10000) ppm
HCN	0.3 ppm	(0-30)ppm, (0-1)%Vol.
CH ₄	0.4 ppm	(0-40)ppm, (0-100)%Vol.
C ₂ H ₄	0.6 ppm	(0-60)ppm, (0-100)%Vol.

Remark1:The test conditions for 1m optical path, the gas pressure 1bar, gas temperature 300K

Remark2:By increasing the optical path, proportionally lower detection limit

>>>OEM

Customize producta are also available,pls feel free to contact me for more details.

>>>Company Information



Nanjing KELISAIKE is one of the largest safety equipment manufactures, possessing the most complete production range and specifications in the safety equipment industry of mainland China. Nanjing KELISAIKE was founded in 2004, including three subsidiaries in Beijing, Xi'an and Xinjiang, and more than 30 domestic sales service centers, with total registered capital of 5.16 million Yuan. Standard products and services cover the portable gas detector, fixed gas transmitter, wall-mounted gas detector, gas detector control unit, air breathing apparatus etc. Also Nanjing KELISAIKE is an experienced factory for OEM service, providing professional design and construction of the customize products. The products are widely used in fields of petroleum, chemical, gas transmission and distribution, warehousing, municipal gas, fire fighting, environmental protection, metallurgy, pharmacy, energy and power industry.

Nanjing KELISAIKE has passed ISO9001 International Quality System Certification, which ensures all products' excellent performance and competitive prices.

KELISAIKE Faith

People-oriented and technology-innovated

KELISAIKE Principle

Quality first, integrity-based

>>>Our Services

- 1.The inquiry and question will be replied within 12 hours
- 2.High quality with competitive price
- 3.Good after sales service
- 4.Accept OEM
- 5.One of the most professional safety equipment manufacture with a very good and trained team

>>>FAQ

1.How about the Delivery time?

Samples will be prepared within 15 Days after 100% T/T in advance payment. QTY order will be delivered in 30 days.

2.What kind of payments does KELISAIKE support?

T/T, L/C, Western Union, Cash are accepted.

3.What's the MOQ?

Generally speaking, the MOQ is 5PCS, but we also can provide you samples for quality inspection.

4.Do you charge for the samples?

According to our company policy, we just charge the samples based on EXW price.

5.Can you produce according to customers' design?

Sure, we are professional manufacturer, OEM is welcome

>>>Contact Us



Nanjing Kelisaike Safety Equipment Co., Ltd.



+86 25 8719 3262



manager@njklsk.cn



multi-gasdetection.com

Bldg 12, 2 Qingshuiting West Road, Nanjing, Jiangsu, China, 211102