



Online Dust Monitor for Continuous Dust Analyzer

Our Product Introduction

for more products please visit us on multi-gasdetection.com

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: KELISAIKE
- Model Number: WT602
- Minimum Order Quantity: 1
- Price: \$1,670

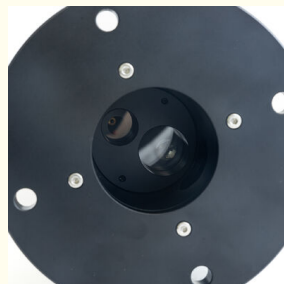


Product Specification

- Type: KF200
- Customized Support: OEM, ODM, OBM
- Product Name: K800 Fixed Gas Detector
- Detection Of Gas: Combustible And Toxic Gases
- Output Signals: 4-20mA/RS485
- Nominal Voltage: DC 24V Gas Leak Detector
- Alarm System: Vibration Alarm With Light,sound
- Explosion-proof Grade: Exibd II CT6
- Size: 183*143*107mm
- Service Life: 2-5 Years Fixed Gas Detector
- Weight: 2000g Fixed Gas Detector
- Highlight: **continuous dust analyzer monitor, online dust measurement device, fixed gas detector with warranty**



More Images



High Accuracy Heat Tracing CEMS UV Hot-Wet SO₂, NO_x, O₂, CO, CO₂ Gas Analyzer

The analyzer based on UV absorption spectroscopy and chemometric algorithms to measure **SO₂, NO_x, O₂, NH₃, Cl₂, O₃, H₂S and other gases concentration**, with high accuracy, high reliability, fast response time, wide application and other characteristics, the indicators have reached or exceeded similar products, it can be widely used in environmental online monitoring, industrial control, security monitoring and other occasions.

>>>Key Features

Full spectrum measurement and DOAS (Differential Optical Absorption Spectroscopy) algorithm, excelling in accuracy, repeatability and anti-interference with moisture, dust.

Modular design and no moving parts, higher reliability and easier maintenance.

Pulse Xenon Lamp used as light source with over 10-year lifetime.

The adoption of diode array sensor enables instant spectrum acquisition and rapid response.

>>> Features and Benefits

1. Analyzer uses the following optical technology platform to get the UV absorption spectrum, the technology platform consists of light source, gas chamber, fiber optics and spectroscopy (including the diaphragm, holographic gratings, linear array detector) and other optical components.

2. UV-visible light emitted by the optical window into the gas chamber, is absorbed by the sample gas flowing through the measured gas chamber, carrying the tested sample gas absorbs light through the lens after gathering information coupled into optical fiber through the optical fiber transmission into the spectrometer splitting, sampling, to obtain the absorption spectrum of the gas.

3. Use DOAS technology spectrum analysis, can analyze the concentration of the gas in the relevant component.

>>> Measuring principle

1) The light source emits ultraviolet beam which transfers to gas cell through optical fiber.

2) After absorption by measuring gas, the light beam transfers through optical fiber to spectrometer.

3) Being dispersed through the grating, and converted into electric signal by the array sensor, a continuous absorption spectrum of measuring gas is thereafter obtained.

>>>Technology Comparison

Item	UV Hot-Wet Method	NDIR
Spectral Range	Complete and continuous absorption spectra obtained through holographic grating and diode array detection	Non Dispersive, characteristic absorption spectra obtained through band-pass filter
Linear Response	High wavelength resolution secures linear response	band-pass filtration compromises linear response
SO ₂ Loss	Hot-wet prohibits SO ₂ dissolution	Condensation inevitably causes SO ₂ loss
Sampling System	Heat tracing. Requests only dust filtration, simple and no corrosive	Cold-dry. Requests dust filtration, condensation, water removal and corrosion proof
Zero Calibration Period	Long (DOAS algorithm)	Short
Anti-Interference	The combination of complete & continuous absorption spectra, high wavelength resolution, DAOS algorithm erases interference from dust, moisture and background gases	Vulnerable to moisture interference
Gas Cell	Connected by optical fiber, easy to replace and low maintenance cost	Complex to replace and maintenance
Maintenance Reliability	No moving parts	Moving parts existed

>>>Technical Specifications

SO₂, NO_x Analyzer

Technical Principle	UV-DOAS
Installation type	Hot-wet Extractive
Measurement Range	0~200ppm, 0~1000ppm, 0~3000ppm
Zero Drift	≤ ±2%F.S.
Span Drift	≤ ±2%F.S.
Accuracy	≤ ±1%
Response Time(T90)	≤ 60s
Linearity	≤ ±1%F.S.

O₂ Analyzer

Technical Principle	Zirconia/Electrochemical
Measurement Range	0~25%
Response Time(T90)	≤ 60s
Linearity	≤ ±2%F.S.

CO, CO₂ Analyzer

Technical Principle	NDIR
Installation type	Extractive

CO Measurement Range	0~1000 ppm
CO ₂ Measurement Range	0~20%
Zero Drift	≤ ±2%F.S.
Span Drift	≤ ±2%F.S.
Accuracy	≤ ±1%
Response Time(T90)	≤ 60s
Linearity	≤ ±2%F.S.

Technical Data for UV gas analyzer

Project	Indicators
SO ₂ Detection range	Min:0-50ppm,Max:0-100%,
NO Detection range	Min:0-50ppm,Max:0-100%,
O ₂ Detection range	0-25%, Electrochemical or zirconia
Linearity error	≤±1%F.S.
Repeatability	≤1%
Zero drift	≤±1%F.S./ week
Span drift	≤±1%F.S./week
Ambient temperature	5°C~45°C
Response time(T90)	<10s
Size	19" *3U*320mm
Analog interface	3-way 4-20mA output,2-way 4-20mA input
Data interface	4-way switch input; 8-way relay output
Communication Interface	1-way RS-232,1-way RS-485(Supports Mod-bus protocol)
Power	220VAC/50Hz 100W
Protection grade	IP42
Sample gas input and output interface	Ø6 Tube Fittings

>>> 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 all are accepted.

3.What's the MOQ?

Generally speaking, the MOQ is 5PCS, but we can also 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 and OEM is welcome

Company Information



COMPANY
APPEARANCE

THE OFFICE
MEETING



WORKSHOP
INSTRUMENT



- Nanjing Kelisaik Safety Equipment Co., Ltd. founded in 2004, Nanjing Kelisaik has three subsidiaries in Beijing, Xi'an and Xinjiang province, and over 30 domestic sales service centers.
- Standard products include the K60 series portable single gas detectors, K60-IV series multi gas detectors, K800 series fixed gas transmitters, K500 series wall-mounted gas detectors, K1000 series gas detector control panel units, KL99 series air breathing apparatuses, etc.
- Nanjing Kelisaik is also a factory with rich experience in OEM service, providing professional design and manufacturing of customized products.



We have obtained CE, ISO and other international certificates for different market requirements.

>> Our Exhibition



>> Product Application Show



- The company's products are widely used in fields of petroleum, chemical, gas transmission and distribution, warehousing, municipal gas supply, fire fighting, environmental protection, metallurgy, pharmacy, energy and power industry.

FAQ

Q1: Are you a trading company or manufacturer ?

A1: We are manufacturer.

Q2: What about the payment method?

A2: T/T, Paypal, Western Union, L/C is available

Q3: Does your company accept customization?

A3: We do customizing service for customers.

Q4: What about the Shipment?

A4: We'll choose proper transportation mode based on the weight of goods, usually arrange shipment by air express such as DHL, FEDEX, TNT or UPS.

Q5: What about after-sale service?

A5: 12 months warranty for all kinds of products.

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