



Customizable Flue Gas CEMS Monitoring System With Ultraviolet Light

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: KELISAIKE/OEM, KELISAIKE
- Model Number: WTQY800B
- Minimum Order Quantity: 1PC
- Price: \$22,000.00/pieces >=1 pieces
- Packaging Details: Standard exporting package
- Stock: 1PC



Product Specification

- Warranty: 1year, 12 Months
- Type: Online Gas Analyzer
- Customized Support: OEM
- Power Supply: 220V AC/50Hz 100W
- Ambient Temperature: 5 ~+45
- Application: Petrochemical Industry;electronics Industry; Organic Solvent
- Analog Interface: -wire 4-20mA Output, 2-wire 4-20mA Output
- Communication: 1-way RS-232, 1-way RS-485(Support Modbus Protocol)
- Protection Grade: IP42
- Detection Principle: Ultraviolet Light
- Sampling Method: Condensation Sampling
- Highlight: Flue Gas CEMS Monitoring System, Customizable CEMS Monitoring System, Ultraviolet Light Online Emission Monitoring System



More Images



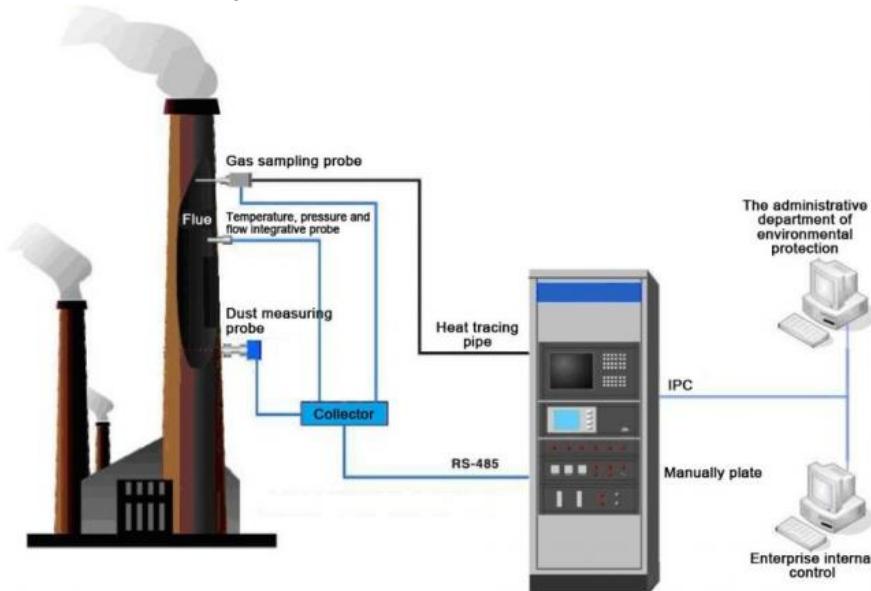
Product Description

Flue gas (CEMS) emission continuous on-line monitoring system



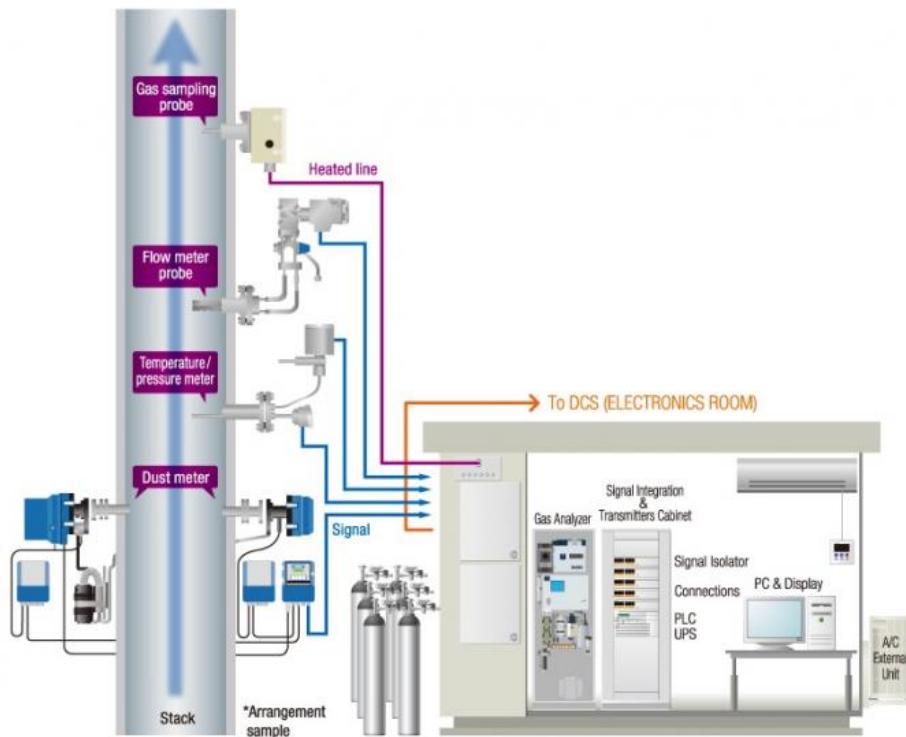
Product Description

Flue gas continuous monitoring system(CEMS) (Hereafter called system) can automatically monitor SO₂, NO, CO, O₂, dust, flue gas flow and pressure, temperature and so on. The system can be flexible and optimized configuration based on the specific conditions of the site parameters and technical requirements, can be measurement for gaseous substances, dust and other in the continuous flue gas emission, to achieve the quantitative control of flue gas emissions.



- In accordance with the complete system requirements, adopt analysis cabinet structure, complete the "Engineer, Procure and Construct design", simplified installation and commissioning.
- Adopt imported high-performance membrane pump configuration, the pump with strong anti-corrosion ability, high reliability, long service life, small maintenance workload, reliable operation.
- The device pretreatment system uses a special structural design, using two dehumidification, three dust elimination, combined with the purification method of coarse filtration and fine filtration, dehumidification and acid fog elimination, in long-term operation shows the effective solution to the high dust, high humidity and sulfur conditions, big maintenance workload, low online continuous operation rate. Stable and reliable performance, small maintenance workload.

d) The device uses dry process, extract the sampling style, pulse cleaning, sampling tube electric heating, program control and other technology, with automatic sampling, continuous operation, control interlock and other functions



Apply to on-line continuous automatic analysis to monitor the SO₂, NO, CO, O₂, dust, flow, temperature, pressure, etc. in the flue gas pipeline of various industrial boilers, kiln and heating furnace, adjust the best air to fuel ratio according to the analysis results, improve combustion efficiency, to achieve energy conservation and reduce environmental pollution. Therefore, the system is widely used in thermal power plants, metallurgy, petrochemical, building materials and other industries.

Product Parameters

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 ~45
Response time(T90)	<10s
Size	19" *3U*320mm
Analog interface	3-way 4-20mA output,2-way 4-20mA output
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

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.

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.

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

>>>OEM

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

Company Information

» About Us



COMPANY APPEARANCE

THE OFFICE MEETING



WORKSHOP INSTRUMENT

- Nanjing Kelisaike Safety Equipment Co., Ltd. founded in 2004, Nanjing Kelisaike 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 Kelisaike is also a factory with rich experience in OEM service, providing professional design and manufacturing of customized products.

Exhibition

» Our Exhibition



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