

Real Time 220V AC Air Quality Monitoring System Outdoor Use For Accurate Detection

Our Product Introduction

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Basic Information

- Minimum Order Quantity: 1PC
- Price: USD 2000-4000 PC
- Stock: 1PC
- Shipping Method: LCL, AIR, FCL, Express
- Payment Terms: T/T, Western Union, Paypal



Product Specification

- Model: KL-AQMS
- Gas: Gases, Pm2.5, Pm10 Or TSP
- Working Temperature: -30~+50
- Working Humidity: 0-99%Rh
- Power Supply: 220V AC
- Measurement Range: Pm2.5: (0~10000) Ug/M3; Pm10: (0~10000) μ G/M3
- Indication Error: 2.83 L/Min, Precision \pm 2.5%
- Specification: 60X15X80 Cm
- Highlight: Real Time Air Quality Monitoring System, Outdoor Air Quality Monitoring System, 220V AC Industrial Air Quality Monitor



More Images



Product Description

Real-time and Accurate Detection Micro Ambient Air Quality Monitoring System

Product Description

KELISAIKE Micro Ambient Air Quality Monitoring System is an economical product for providing real-time and accurate detection of outdoor air pollutants, with the performance close to the level of automatic monitoring system. Compared with lower price alternatives on the market, H6 provides accurate detection data comparable to standard stations. After calibration on site according to certified reference standards, it can reach the optimal traceability. Therefore, as an air quality monitoring system, it has high cost efficiency.



Features

- No need to change the sample cutter, able to measure the mass concentration of PM10 and PM2.5;
- On-site calibration according to traceable reference standards;
- Optional zero gas calibration modules;
- Imported high precision four- electrode sensors;
- Modular design for configuration of any combination, easy to set different monitoring parameters on demand, suitable for large-scale grid distribution points
- Embedded processor of industrial grade for the circuit, suitable for harsh outdoor environments, with working environment temperature range of -50 to 100°C;
- Dynamic heating control for air particulate sampling to remove the influence of water and fog on the measured data;
- An electronic flowmeter used to measure the sampling flow speed of particulates and gaseous pollutants.
- Stable and reliable data transmission with the industrial grade data transmission module;
- Dual-channel communication mode to realize communication in extreme cases and ensure data continuity;
- Modular design, and high reliability CAN bus communication between modules; automotive electronic communication protocol to ensure the stability of the system;
- Remote data transmission and system state information readable remotely, as well as remote control, remote modification of instrument parameters, and fault diagnosis;
- Remote upgrade of terminal applications via the FTP server to realize tele-maintenance and ensure that users can use the latest applications and update system functions timely;
- Optional five meteorological parameters tester;
- Optional IP cameras with various parameters to ensure night and visual range shooting requirements, with automatic snapshot and real-time monitoring functions.
- On-site real-time data display: end instruments renew data every 5 seconds.
- The optional data service platform can display average minute, hourly and daily values. Report analysis function can generate daily, monthly and yearly reports, as well as trend reports. Same screen multi-points display, supporting mobile terminal data query and data push to the display terminal;
- Various installation methods, to be selected according to the site situation: sport, pole, etc. Each type of mounting is tight and secure and can

resist the instantaneous 12 level wind force.

Technical Specifications

Gases	Measurement range(ppb)	Resolution (ppb)	LOD(ppb)	24 h drift zero / ppb
O3	0-1000	1	≤10	5%F.S
NO2	0-1000	1	≤10	5%F.S
CO	0-20000	1	≤150	5%F.S
SO2	0-1000	1	≤10	5%F.S
H2S(optional)	0-20000	1	≤150	5%F.S
VOC(optional)	0-40000	1	≤150	5%F.S

Gases

Optional

Meteorological parameters:

Temperature	Measuring range:-50 ~100°C	RH	Measuring range: 0~100%RH
	Resolution: 0.1°C		Resolution: 0.1%RH
	Accuracy:±0.5°C		Accuracy:±3%RH
Wind speed	Measuring range: 0~70m/s	Resolution: 0.1m/s	
	Start wind speed≥0.5m/s	Accuracy:±0.3m/s	
Wind direction	Measuring range: 0~360°	Resolution:±0.1°	
	Start wind speed≥0.5m/s	Accuracy:±3°	
Atmospheric pressure	Measuring range: 10~1100hpa		
	Resolution: 0.1hpa		
	Accuracy: ±0.5hpa		

Noise Parameters

Noise	IEC61672:2002 level 2 GB/T3785-2012 level 2 Level 1 noise level meter available	Frequency range	16~20KHz
Measurement range	30~140 dB	Frequency weighting	A, C, Z
Principle of noise sensor: High precision capacitive free-field microphone			

Main Qualifications

CCEP China Certification of Environmental Products
CMA Test Report



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