

Multi Gas Leak Detector Fuel Gas Lithium Battery Portable Gas Analyzer

Our Product Introduction

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

Basic Information

- Minimum Order Quantity: MOQ 1pc
- Price: USD 320
- Stock: 1000pcs in stock
- Shipping Method: Express
- Description: KELISAIKE K60-IV 5-gas Portable Detector: diffusion/pump, color LCD, 90 dB alarm, Ex d IIC T3, 8 h Li-ion, USB log.
- Payment Terms: T/T



Product Specification

- Product Name: Portable Gas Detector
- Detecting Gas: CO, H₂S, O₂, CO₂, H₂
- Alarm Type: Visual & Vibration Sound Alarm
- Usage: Industrial Production
- Response Time: T90 < 30s
- Warranty: One Year
- Highlight: **Portable Multi Gas Analyzer,
Lithium Battery Portable Gas Analyzer,
Industrial Portable Gas Analyzer**



More Images



Product Description

Portable Multi Gas Detector

Simplicity meets safety in a lighter frame.

The K60-IV ditches the pump for a diffusion-based sensor layout, reducing both **weight and power consumption**. Perfect for **personal monitoring** in low to mid-risk zones like waste treatment, utilities, or indoor inspections where portability matters most.



Highlights:

- Lightweight: <280 g
- Up to 5 gases monitored via passive diffusion
- Extended battery life (up to 12 hours)
- Compact ergonomic form for long-time wear
- Ideal for continuous worker safety monitoring

Standard Kit

Instrument, calibration tubing, USB cable, universal charger with plug adapters & quick-start guide.

Technical Specifications	
Item:	portable multi-gas detector
Model NO.:	K60
Sensors:	UK sensors (brand CITY, Alphasense, Dynament etc.), US (brand), Japan and Germany sensors, ensuring high stability & sensitivity
Sensor service life:	2 years
Operating voltage:	3.7V Rechargeable lithium battery, continuously work for 8+ hours
Data interface:	USB
Display:	Color screen 2+2 digits LCD display
Data Storage:	9600pcs data record stock. Can be uploaded to PC
Alarm buzzer:	90db
Alarm mode:	Acousto optic alarm
Alarm error:	±3%
Ambient temperature:	- 20 ° C ~ + 50 ° C
Relative humidity:	15~95%RH(non condensation)
Material:	ABS, slip silicone
Detecting method:	diffusion or pump
Pumping tube:	150cm
Dimension(mm):	133(L)*70(W)*36 (H)mm
Explosion-proof grade:	ExdII CT3
Weight :	0.5kg(with charger and detection probe)

Package:	carton
Pcs/ctn:	1pc/ctn
Ctn size:	182x132x110mm
Payment terms:	T/T
Warranty:	1 year

Mark: other customized gas types are also available.

Gas Types	Detection range	Response Time	Resolution	Alarm Values
O ₂	0-25%vol/30%vol	T90≤20s	0.1%vol	18.0%vol/23.0%vol
LEL	0-100%LEL	T90≤30s	1%LEL	25.0%LEL/50.0%LEL
CO	0-1000 ppm/2000ppm	T90≤30s	1 ppm	50ppm/100ppm
H ₂ S	0-200 ppm	T90≤30s	0.1 ppm	10ppm/20ppm
SO ₂	0-200ppm	T90≤30s	0.1 ppm	2 ppm /10 ppm
Cl ₂	0-20 ppm	T90≤30s	0.1 ppm	1 ppm /10 ppm
NH ₃	0-100ppm/200ppm	T90≤50s	1 ppm	25 ppm /50 ppm
NO ₂	0-200ppm	T90≤25s	0.1 ppm	3 ppm /10 ppm
NO	0-1000 ppm	T90≤50s	1 ppm	25 ppm /50 ppm
O ₃	0-5ppm/20ppm	T90≤30s	0.1ppm	0.3ppm/5ppm
PH ₃	0-10ppm	T90≤60s	0.1ppm	0.3ppm/5ppm
H ₂	0-2000ppm/4%vol	T90≤50s	1 ppm	50ppm /100ppm
HF	0-10ppm	T90≤50s	0.1ppm	3ppm /10ppm
HCL	0-30ppm/200ppm	T90≤50s	0.1 ppm	5ppm /10ppm
HCN	0-200ppm	T90≤200s	0.1ppm	10 ppm /20 ppm
CH ₄ (IR)	0-5.00%vol	T90≤60s	0.01%vol	1.00%vol/2.00%vol
VOCs	0-1999ppm	T90≤20s	0.1ppm	1000ppm/1500ppm
CO ₂ (IR)	0-5.00%vol (0-1%vol)	T90≤60s	0.01%vol (0.001%vol)	1.00%vol/2.00%vol (customize)
C ₃ H ₈ (IR)	0-5.00%vol	T90≤60s	0.01%Vol	1.00%vol/2.00%vol
HCN	0-50ppm	T90≤200s	0.1ppm	10ppm/20ppm

Mark: Customized 2-gas detector, 3-gas detector and 4-gas detector is welcome.



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