

Built-in Pump Portable Multi Gas Detector Advanced Confined Space Monitor

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: SAFETECH
- Certification: IECEX, ATEX, CE, FCC, RoHS, ISO 9001:2015
- Model Number: K60-IV
- Minimum Order Quantity: 1 Piece
- Price: USD 180-520 / Piece
- Packaging Details: KELISAIKE branded color box with shock-proof foam insert, export-grade corrugated carton
- Delivery Time: 3-7 working days for stock, 15-25 days for production
- Payment Terms: T/T,L/C,PayPal,Western Union
- Supply Ability: 3000 Pieces per Month



Product Specification

- Detection Capacity: Up To 5 Gases Simultaneously
- Common Gas Combinations: O₂, CO, H₂S, LEL, VOC, CO₂ (Customizable)
- Sensor Type: Electrochemical, Catalytic Combustion, PID (VOC), NDIR (CO₂)
- Sampling Method: Built-in Micro Pump (Diffusion + Pump Dual Mode)
- Pump Flow Rate: 300-500 ml/min
- Display: 2.4-inch TFT Color LCD
- Alarm Type: Audible (95dB), Visual LED, Vibration
- Protection Grade: IP66
- Explosion Proof Grade: Ex Ia IIC T4 Ga
- Data Logging: 100,000 Records With Time Stamp
- Data Export: USB To PC Software (CSV/Excel)
- Battery Type: Rechargeable Li-ion 7.4V 3000mAh
- Battery Runtime: 12-15 Hours Continuous (Pump On)

Product Description

Built-in Pump Portable Multi Gas Detector – Professional Confined Space Monitor

The **K60-IV/K60-V** is a professional-grade portable multi gas detector equipped with a **built-in micro sampling pump** for pre-entry confined space testing and continuous monitoring. Supporting **up to 5 gases simultaneously** with a vivid TFT color display and **100,000-record data logging**, this is the ultimate tool for industrial safety professionals.

Key Features

Built-in Micro Sampling Pump – Active sampling at 300-500 ml/min with dual-mode operation (diffusion + pump), ideal for remote sampling up to 30 meters with optional extension probe

Up to 6 Gases Simultaneously – Combine electrochemical, catalytic combustion, PID (VOC), and NDIR (CO₂) sensors in one device. Common configurations include O₂/CO/H₂S/LEL/VOC/CO₂

2.4-inch TFT Color LCD Display – Real-time gas concentrations, trend graphs, battery status, and alarm indicators all on one vivid screen

100,000-Record Data Logging – Time-stamped data storage with USB export to PC software for compliance reporting, trend analysis, and safety audits

IECEx & ATEX Certified – Ex ia IIC T4 Ga intrinsically safe for Zone 0 hazardous area use

T90 Response Under 20 Seconds – Fast-response pump sampling ensures timely detection and worker safety

Triple Alarm System – 95dB audible, high-brightness LED, and vibration alarms with user-configurable threshold settings

IP66 Protection – Dust-tight and powerful water jet resistant for tough field conditions

12-15 Hour Battery Life – High-capacity 3000mAh rechargeable battery sustains full-shift pump operation

Applications

Confined space pre-entry testing, petrochemical tank inspection, pipeline maintenance, sewer and wastewater monitoring, marine vessel cargo hold inspection, industrial hygiene surveys, emergency response, and environmental consulting.

Technical Specifications

Sensor Capacity	Up to 5 gas sensors (any combination)
Sensor Types	Electrochemical (toxic/O ₂), Catalytic Combustion (LEL), PID (VOC), NDIR (CO ₂)
Sampling	Built-in micro pump, 300-500 ml/min, up to 30m extension
Display	2.4-inch TFT Color LCD with trend graph
Alarm	Audible (95dB), Visual (Red LED), Vibration
Protection Grade	IP66
Explosion Proof	Ex ia IIC T4 Ga
Certification	IECEx, ATEX, CE, FCC, RoHS
Data Logging	100,000 records, USB export to PC (CSV/Excel)
Battery	Rechargeable Li-ion 7.4V 3000mAh, 12-15h runtime
Operating Temperature	-20C to +50C
Dimensions	185 x 85 x 45 mm
Weight	520g

Why Choose Our K60-IV/K60-V? ISO 9001:2015 certified manufacturer with specialized gas detection R&D team. Each unit factory-calibrated with certified gas standards. Full OEM/ODM support available – customize sensor configurations, alarm thresholds, branding, packaging, and software interface to meet your project requirements. We offer free technical consultation for complex multi-gas detection solutions.



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