

HD5S Portable Color-Screen 4-in-1 Gas Detector



product description

The portable color-screen 4-in-1 gas detector features imported sensors and is a compact device designed for detecting oxygen, flammable gases, carbon monoxide, and hydrogen sulfide in the air. It supports installation of up to four gas sensors, boasts a high-definition LCD display, and includes audio, visual, and vibration alerts to ensure accurate gas concentration measurement even under harsh operating conditions, providing timely warnings for operators to take preventive measures.

Product Features

- Utilizes imported sensors with high detection sensitivity
- compact, lightweight, and durable with a three-way protective rubber-coated casing and ergonomic design
- High-resolution color screen with real-time numerical display
- Full Chinese menu with simple and convenient operation
- Three-layer rubber-coated casing with ergonomic design
- 260,000 records of high-capacity data storage space, along with professional computer software for data analysis and processing.
- During startup, the system can perform self-checks on the display, battery, sensors, and audio/visual alarm functions.
- Outstanding sound and light alarm notification features
- **Single-user operation dump alarm (optional)**
- **Data storage included (optional):**
 1. Large-capacity data storage space, capable of storing 260,000 data entries

2. Convenient continuous and segmented storage switching operations

3. Professional visualization and data analysis software

- Low maintenance costs

technical parameter

- Display method: Color LCD screen
- Alarming methods: audible, visual, and vibration alarms

tracer gas	range	accuracy	least count	response time
Oxygen (O ₂)	0-30%VOL	< ±5%(F.S)	0.1%VOL	≤15 seconds
combustible gas (EX)	0-100%LEL	< ±5%(F.S)	1%LEL	≤10 seconds
carbon monoxide (CO)	0-1000ppm	< ±5%(F.S)	1ppm	≤25 seconds
Hydrogen sulfide (H ₂ S)	0-100ppm	< ±5%(F.S)	1ppm	≤30 seconds

- Explosion-proof rating: Ex ibdIICT4
- Detection method: Diffusion type
- Battery: 3.7V lithium-ion rechargeable battery
- Direct reading: real-time values, alarm status, battery voltage
- Working temperature: 10–55°C
- Working humidity: 5–90% RH
- Dimensions: 135mm × 60mm × 30mm
- Weight: 200 g (net weight)

Sensor technical specifications: For detecting other gases or when specific requirements apply to the detection gas range, please contact us.

Contact us: