PORTABLE GAS DETECTION

MS104K Portable 4-in-1
Diffusion Gas Detector

A portable diffusion-type gas detector designed to monitor oxygen, carbon monoxide, hydrogen sulphide and combustible gas (LEL). The instrument features a colour LCD, audible/visual/vibration alarms and configurable gas detection.



Illustrative placeholder — replace with an actual product photograph if available.

4 gases	IP65	16+ hrs	189 g
O2, CO, H2S and LEL	Protection rating	Operating time*	Weight

Key Features

- Any four gases can be configured for detection
- TFT colour LCD with recent-data trend graph
- Three-level alarm with distinct audible alerts
- Sound, light and vibration alarms
- Alarm modes: LA, HA, STEL and TWA
- Stores up to 1,000 alarm records
- Four-button operation; Chinese and English interface
- Automatic zero-point calibration

Typical Applications

- Confined-space and workplace gas checks
- Industrial plant and process-area monitoring
- Maintenance and inspection activities
- Gas-risk monitoring where O2, CO, H2S or LEL measurement is required

Manufacturer: Beijing Zetron Technology Co., Ltd. | www.bjzetron.com

Technical Specifications

MS104K Portable Diffusion Gas Detector — manufacturer specifications supplied for this brochure.

Parameter	Specification
Model	MS104K
Type	Portable diffusion gas detector
Detection gases	O2, CO, H2S and LEL (any four gases can be configured)
O2 range / resolution	0–30 %VOL / 0.1 %VOL; electrochemical sensor
CO range / resolution	0–500 ppm / 1 ppm; electrochemical sensor
H2S range / resolution	0–100 ppm / 1 ppm; electrochemical sensor
LEL range / resolution	0–100 %LEL / 1 %LEL; catalytic combustion sensor
Accuracy	≤ ±3% (F.S.)
Response time	T90 ≤ 30 seconds
Warm-up time	90 seconds
Sampling method	Diffusion type
Display	TFT colour LCD; trend graph function
Alarm modes	LA, HA, STEL and TWA
Alarm indication	Sound, light and vibration; three alarm levels
Alarm records	1,000 records
Battery	3.7 V, 2000 mAh lithium battery
Charging	USB Type-C, DC 5 V; charging time ≤ 8 hours
Operating time	> 16 hours at room temperature, without alarm
Combustible-gas version	NDIR infrared sensor version: > 20 hours
Power consumption	< 0.7 W
Protection	IP65; Ex ia II CT4 Ga
Dimensions	125.6 × 66 × 46 mm (L × W × H)
Weight	189 g
Operating environment	−20 °C to +50 °C; 10–95% RH (non-condensing); 86–106 kPa
Approvals listed	ISO, CE, FCC, RoHS, ATEX and CNEX
Warranty	1 year

Operating Notes

The detector uses diffusion sampling. It warms up in approximately 90 seconds and provides gas readings on its TFT colour LCD. Alarm conditions are indicated through sound, light and vibration. The supplied specifications list LA, HA, STEL and TWA alarm modes.

Ordering & Enquiries

Supplier: RS Enterprises
Phone: +91 8979626809
Email: contact@rseprises.com
Manufacturer: Beijing Zetron Technology Co., Ltd.

Note: Specifications are reproduced from the supplied MS104K product document and may change without notice. Confirm the exact sensor configuration, approvals, accessories and final specifications with the supplier before ordering. The original source lists both a 4-gas configurable feature and a "single gas detector" specification; confirm the offered configuration.