PORTABLE GAS DETECTION

MS104K-M Portable 4-in-1

Pumped & Diffusion Gas Detector

A portable four-gas detector for O2, CO, H2S and LEL monitoring. The supplied manufacturer document describes pumped and diffusion sampling, an external pump as standard, man-down alarm functionality and computer-based data export and analysis.

[MS104K-M PRODUCT IMAGE]

Replace this panel with an actual product photograph when available.

4 gases	IP66*	200,000	2 modes
O2 • CO • H2S • LEL	Protection feature listed	Stored data records	Pumped & diffusion

Key Features

- External pump is standard, with no extra charge, according to the supplied document
- Pumped and diffusion sampling options
- Man-down alarm function by default
- Stores up to 200,000 pieces of information
- Computer software for data export, storage and analysis
- Any four gases can be configured for detection
- Three-level alarm with different beep patterns
- 95–105 dB audible alarm; sound, light and vibration alerts
- LA, HA, STEL and TWA alarm modes
- Pump-blocked alarm, unit switch and setting recovery
- 2-inch backlit LCD; four-button operation
- Automatic zero-point calibration

Applications

- Industrial plant and process-area gas monitoring
- Workplace and confined-space gas checks
- Maintenance, inspection and safety-monitoring activities

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

Technical Datasheet

MS104K-M — technical information reproduced from the supplied manufacturer document.

Parameter	Specification
Model	MS104K-M
Type	Portable 4-in-1 gas detector
Detection gases	O2, CO, H2S and LEL; any four gases can be configured
O2 range / resolution	0–30 %VOL / 0.01 %VOL; electrochemical sensor
CO range / resolution	0–1000 ppm / 1 ppm; electrochemical sensor
H2S range / resolution	0–100 ppm / 0.1 ppm; electrochemical sensor
LEL range / resolution	0–100 %LEL / 0.1 %LEL; catalytic combustion sensor
Accuracy	≤ ±3% (F.S.)
Response time	T90 ≤ 20 seconds
Sampling method	Diffusion type + pumped type
Battery	7.4 V, 1400 mAh rechargeable battery
Display	2-inch LCD backlight display
Data storage	200,000 pieces of storage information
Data software	Computer data software; export, store and analyse equipment data
Alarm functions	Three-level alarm; 95–105 dB audible alarm; sound, light and vibration
Alarm modes	LA, HA, STEL and TWA
Other functions	Man-down alarm; pump-blocked alarm; unit switch; setting recovery; automatic zero-point calibration
Protection rating	IP656 (as printed in the supplied specification; feature list states IP66)
Explosion protection	Ex ia II CT4 Ga
Dimensions	90 × 70 × 38 mm (L × W × H)
Weight	200 g (diffusion type); 380 g (pumped type with external pump)
Anti-drop height	≥ 8 metres
Operating environment	−20 °C to +50 °C; 10–95% RH (non-condensing)
Approvals listed	ISO, CE, FCC, RoHS, ATEX, CNEX and SIL3
Warranty	1 year

Important specification note: *The source describes IP66 in its features but prints IP656 under specifications. It also labels the specification section “single gas detector” while describing a configurable four-gas instrument. Confirm the offered configuration and exact IP rating with the supplier before ordering.*