

Multiple Gas Analyzer

Application:

- * Oil production, smelting, chemical, municipal, sewage management, electricity, gas, mining.
- * Tunnel construction, fire protection, storage, papermaking, manufacturing medicine, brewing, furniture, paint.
- * Interior (exterior) decoration, medical, food, chemical fertilizers, resins, pesticides, raw materials.
- * Waste treatment plant, household environmental protection, animal husbandry breeding, greenhouse cultivation, agricultural production.



Features:

- * Combined high-precision gas analyzer (1-5 gases in any combination)
- * Comes with data saving, with host computer software, can be connected to a computer to export data(Excel spread sheet).
- * Original imported sensor, automatic temperature, zero and full scale drift compensation.
- * High concentration gas shock protection and sensor fault self-test function, safe and reliable.
- * Built-in air pump, improve the detection speed, convenient for small space detection.
- * Optional gas concentration unit (ppm and mg/m³ optional, set before delivery).
- * Two-level sound and light alarm, the alarm value can be set arbitrarily.
- * Restore factory Settings with one key. You can switch between Chinese and English on the operation interface.

Technical Parameters:

Model	BK-MGA4
Gas Unit	Ppm, mg/m ³
Detection Mode	Pumping type
Alarm Mode	Sound and light alarm, vibration alarm
Precision	±2%(F.S)
Repeatability	±1%
Linear Error	±1%
Zero Drift	±1%(F.S/ year)
Response Time	≤20s
Recovery Time	≤30s
Protection Rating	IP65
Battery Capacity	3.7VDC, 1800mAh(with charge)
Working Temperature	-20°C~+70°C
Relative Humidity	10%~95%RH(non-condensating)
Data Preservation	USB export(standard storage 10000 PCS)
Pressure Limitation	86-106KPa
Maximum Power Consumption	2.5W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	110*190*180mm
Package Size(W*D*H)	500*370*200mm
Net Weight	1kg
Gross Weight	4kg

The following is a list of common gas and conventional range Instruments, other gases can also be customized.

Detection Gas	Chemical Formula	Optional Range	Gas Unit	Resolution	Response Time
Methane	CH ₄	0-10%/0-50%/0-100%	%LEL, %VOL	0.1%LEL/0.01%VOL	≤25s
Flammability	EX	0-100%	%LEL	0.1%LEL	≤25s
Carbon Monoxide	CO	0-500/2000/5000/10000	ppm	0.1ppm/1ppm	≤15s
Hydrogen Sulfide	H ₂ S	0-10/20/50/100/500/1000	ppm	0.01/0.1/1ppm	≤15s
Oxygen	O ₂	0-30%/0-100%	%VOL	0.01%VOL	≤15s
Carbon Dioxide	CO ₂	0-1000/2000/5000/20%	ppm /%VOL	1ppm/0.01%VOL	≤15s
TVOC/VOC	VOC	0-10/50/100/500/1000	ppm	0.01/0.1/1ppm	≤20s
Benzene	C ₆ H ₆	0-1/10/50/100/500/1000	ppm	0.01/0.1ppm	≤30s
Xylene	C ₈ H ₁₀	0-1/10/50/100/500/1000	ppm	0.01/0.1ppm	≤30s
Styrene	C ₈ H ₈	0-20/50/100/500/1000	ppm	0.01/0.1/1ppm	≤30s
Formaldehyde	CH ₂ O	0-5/10/20/100/200	ppm, mg/m ³	0.01/0.1ppm, mg/m ³	≤30s
Ammonia Gas	NH ₃	0-50/100/200/500/1000	ppm	0.01/0.1/1ppm	≤30s
Nitrogen gas	N ₂	0-100%	%VOL	0.01/0.001%VOL	≤15s
Ozone	O ₃	0-10/20/50/100/200/1000	ppm	0.01/0.1/1ppm	≤20s
Hydrogen Gas	H ₂	0-1000/2000/5000/0-4%	ppm/%VOL	1/0.01%VOL	≤20s
Tetrahydrothiophene	THT	0-50/100/200	ppmmg/m ³	0.01ppm, mg/m ³	≤30s
Nitrogen Oxide	NOX	0-100/200/500/1000	ppm, mg/m ³	0.01/0.1ppm, mg/m ³	≤20s
Nitric Oxide	NO	0-100/200/500/1000	ppm, mg/m ³	0.01/0.1ppm, mg/m ³	≤20s
Nitrogen Dioxide	NO ₂	00-100/200/500/1000	ppm, mg/m ³	0.01/0.1ppmmg/m ³	≤20s
Sulfur Dioxide	SO ₂	0-100/200/500/1000	ppm, mg/m ³	0.01/0.1ppm, mg/m ³	≤20s
Hydrogen phosphide	PH ₃	0-5/10/20/50/100	ppm	0.01ppm	≤30s
Ethylene	C ₂ H ₄	0-50/100/200/500/1000	ppm	0.01/0.1/1ppm	≤15s
Hydrogen Chloride	HCL	0-20/50/100	ppm	0.01/0.1ppm	≤25s
Chlorine Gas	CL ₂	0-10/20/50/100/200	ppm	0.01/0.1ppm	≤20s
Chlorine Dioxide	CLO ₂	0-20/50/100/500/1000	ppm	0.01/0.1/1ppm	≤30s
Trichloroethylene	CYAN	0-20/50/100	ppm	0.01/0.1ppm	≤25s
Cyanide Compounds	CYNA	0-20/100/200	ppm	0.01/0.1ppm	≤30s
Hydrogen Cyanide	HCN	0-20/100/200	ppm	0.01/0.1ppm	≤30s
Ethylene Oxide	ETO	0-50/100/200/500/1000	ppm	0.01/0.1/1ppm	≤30s
Hydrogen Peroxide	H ₂ O ₂	0-20/50/100/200/1000	ppm	0.01/0.1/1ppm	≤30s
Hydrogen Arsenide	ASF ₃	0-5/10/20ppm	ppm	0.01ppm	≤30s
Hydrogen Fluoride	HF	0-5/10/20ppm	ppm	0.01ppm	≤30s
Fluorine Gas	F ₂	0-5/10/20ppm	ppm	0.01ppm	≤30s