Portable Voice Single Gas Detector

JKD-G811

■ Intrinsically safe circuit design, safe and reliable.

■ Exquisite appearance, easy to operate, accurate measurement, sturdy and durable.

■ Use of high-definition LCD liquid crystal screen, the perfect presentation of the gas detection indicators;

■ 16-bit data acquisition chip + 32-bit nano-scale microprocessor, higher resolution, faster response speed;

■ Original imported foreign gas sensors, high precision, strong stability, low error rate, good linearity.

■ Customers can set their own high and low alarm values, backlight, password and language settings, etc.;

■ 2000mAh large-capacity battery, fully charged state can be used continuously for more than 10 hours.

■ Support mobile power supply and charging, compatible with universal USB port cell phone charger;

■ Chinese and English display interface/Chinese and English real voice prompts, suitable for all groups of people to use;

■ 3-key navigation friendly user interface, showing the design of humanization, internationalization;

■ Sound, light, vibration triple alarm prompts.

Optional Gases

Gas species	Range	low alarm point	High alarm point	Resolution
Flammable	(0-100) %LEL	20%LEL	50%LEL	1%LEL
Hydrogen sulfide	(0-100) PPM	10PPM	35PPM	0.1PPM
Carbon monoxide	(0-1000) PPM	50PPM	150PPM	1PPM
Oxygen	(0-30) %VOL	19.5%VOL	23.5%VOL	0.1%VOL
Ammonia	(0-100) PPM	20PPM	50PPM	0.1PPM
Hydrogen	(0-1000) PPM	200PPM	500PPM	0.1PPM
Chlorine gas	(0-20) PPM	5PPM	10PPM	0.1PPM
Nitrogen dioxide	(0-20) PPM	5PPM	10PPM	0.1PPM
Sulfur dioxide	(0-20) PPM	5PPM	10PPM	0.1PPM

Please contact the company for other combination gases

Detecting gases	More than 1000 combustible, toxic and volatile gases (one sensor can be selected)
Sampling mode	Diffused
Measuring range	Oxygen: 0~30%VOL(other gases optional)
Sensors	Electrochemical sensors, catalytic combustion sensors
Indication mode	LCD liquid crystal display real-time data and system status, light, vibration and real voice recording (in English and Chinese) prompts
Dimensions	114mm×57.5mm×28mm
Weight	About 120g
Operating voltage	DC3.7V（Li-ion battery capacity 2000mAh）
Standby time	It can be used continuously for more than 10 hours under full charge
Working environment	Temperature -20°C ~50°C; Humidity <95%RH condensation
Explosion-proof marking	Ex ia IIC T4 Ga
Protection class	IP65
Sensor life	Sensor life depends on the principle (electrochemical principle 2 years, catalytic combustion principle 3 years, lead-free oxygen 5 years, infrared principle 10 years, laser principle 10 years)

This detector is widely used in petroleum, chemical, environmental protection, metallurgy, refining, gas, biochemical medicine, agriculture, fire, archaeology and other industries and places that require safe monitoring of toxic and harmful, explosion-proof. The detector can effectively predict the dangerous gas concentration alarm, to ensure that the staff's life safety is not threatened, the production equipment is not lost.