

DESCRIPTION :

The KM 5491 Portable Oxygen detector is a kind of essential safety instrument which can continuously detect the Oxygen concentration in the working environment. It is suitable for explosion-proof, toxic gas leakage, underground pipelines or underground mines & other places.

The instrument is a natural diffusion method for detecting gas concentration, using high performance electrochemical sensor, with excellent sensitivity & excellent repeatability. The instrument adopts embedded micro control technology, simple operation, complete functions, high reliability.



Preliminary Data

FEATURES

- Appearance of light & novel, easy to carry, easy to operate.
- Menu operation interface, battery power real time display, under Voltage, Low Voltage automatic shutdown.
- Sound, Light & Vibration alarm.

TECHNICAL SPECIFICATIONS:

Functions	
Sensor	Electrochemical Principle
Detection Gas	Oxygen O ₂
Temperature Measurement	Ambient temperature
Display Unit	O ₂ : %VOL
	Temperature : °C / °F
Range	O ₂ : 0 ~ 25%VOL
	Temperature : -15 ~ 50°C
Resolution	O ₂ : 0.1%VOL
	Temperature : 0.1°C / °F
Accuracy	O ₂ : ±2.0%F.S.
	Temperature : ±1.5°C
Response Time	<15 seconds
Alarm	Sound & light vibration alarm
Alarm Point	Low alarm point 19.5%VOL
	High alarm point 23.5%VOL
Battery Type	3 AAA Alkaline Batteries
Operating Temperature	-10 ~ +50°C
Humidity	15% ~ 95% RH (Non-condensation)

Applications:

KM 5491 is applicable to the concentration of oxygen in the ambient air detection, are widely used in metallurgy, Power Plant, Chemical, Mine, Tunnel, Underground Pipelines & other places, effective prevention of Hypoxia & Oxygen poisoning.

All Specifications are subject to change without prior notice