

Oceanus Gas Detector



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OC-850 5 in 1 portable pump-function gas detector



Description:

The OC-850 pump function multi gas detector can detect 1-5 gas types, including Electrochemistry sensors, NDIR sensors, PID sensors or Semiconductor sensors. Combine gas types more freely, customized for most detecting gas leakage environments. Pump suction model or diffusion type change easily.

This detector uses an LCD display screen, it can show information such as detecting gas concentration, gas name, alarm situation and so on. Use imported sensors to ensure detecting accuracy. Stainless steel filter screen to keep the sensor solid and keep gas getting through more smoothly.

Features:

Data storage function, can store 9999 alarm data;

Easy to switch English or Chinese language;

Multi-gas unit can be customized, PPM, %VOL, %LEL, etc;

Mini gas pump, long working time, little noise;

Gas types can be combined freely, suitable for various detecting environments;

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Function:

Monitor the gas concentration in the environment or confined space and alarm;

With self calibration function and zero calibration function, the gas monitoring is more accurate and reliable;

The factory setting function can be restored with one key to avoid the trouble of misoperation;

With temperature and pressure compensation, it can perfectly compensate the gas concentration under different temperature and pressure environments;

Two level sound, light and vibration alarm, and the alarm point can be set by itself;

Large capacity lithium polymer rechargeable battery to ensure long working time;

Pump suction sampling mode (it can be easily switched between diffusion mode and pump suction mode);

The shell adopts PC + TPE rubber coated design, which is durable, anti-skid, waterproof, dustproof and explosion-proof.

Applications:

The portable multi gas detector used in the gas safety inspection and alarm for industrial scene, such as petroleum refinery, chemical plants, LPG stations, boiler rooms, gas stations, paint spray booths, metallurgy, mining, fire, environmental protection, etc., where need to inspect the gas concentration of the Combustible gas and Toxic gas.

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Technical Parameter:

Gas Detected	Customized by customers		
Detection principle	Customized by customers Catalytic combustion、electrochemistry、NDIR、PID, etc		
Sampling Method	Pump suction, 1L/min		
Measure Range	As gas type		
Resolution	1%LEL、0.1%VOL、1PPM、0.1PPM		
Precision	$\leq \pm 3\%$ F.S.		
Data store	9999 groups alarm information		
Response Time	$\leq 10S$	Recovery Time	$\leq 10S$
Repeatability	$\leq \pm 1\%$	Linearity error	$\leq \pm 1\%$
Zero shift	$\leq \pm 1\%$ (F.S/Y)	Display	LCD screen
Operating language	English or Chinese	Gas unit	PPM, %VOL, %LEL
Temperature	-40~70°C	Humidity	0-95%RH
Explosion-Proof	ExiaIICT4	Protection level	IP66
Alarm mode	Sound, light and vibration	Operating time	100hours (off pump)
Dimensions	205*75*32mm	Weight	300g