



## Introduction



### Description:

OC-904A Portable Phosphine PH3 gas detector used to detect the PH3 gas concentration in many applications, including of the chemical industry, petroleum, gas station, metallurgy, agriculture, biology pharmaceuticals, power, lab research and other industry environment where need to inspect PH3 gas concentration. The portable PH3 gas detector with the LED light, it' s very convenient for the dark place usage.



Name: Portable gas detector  
Model: OC-904A  
Measure Range:  
O2: 0-30%VOL  
CH4: 0-100%LEL  
CO: 0-500PPM  
H2S: 0-100PPM  
Serial No.: OC30180327074  
Henan Oceanus

### Features:

Original famous sensor with high performance and precision, good stability, small figure, easy to carry and repeatability, long working time.

TFT LCD screen can clearly display the measuring data.

Record the alarm data of 10,000 sets.

Adjustable preset two-stage alarm level.

With the 32bit low power consumption ARM processor and quick response.

Restore factory setting function, avoid the mis-operation.

Audible, Visual, Vibration alarm mode.

Support for 4 sensor at the same time.

Support the Chinese/English language menu.

The menu interface with words and icon.

LED light function, can provide the light in the dark area or other Emergency time.

LED indicate light, will flash in the dark area.

USB charger port.

Explosion-proof grade of Ex ib IIB T3 Gb;

Protect grade of IP65.



**Technical Specification:**

Gas type	Phosphine (PH <sub>3</sub> )
Working principle	Electrochemical sensor
Testing mode	Diffusion sampling
Display mode	TFT LCD display
Concentration Unit	Ppm and mg/m <sup>3</sup>
Measuring range	0-20ppm, 1000ppm or customized

Resolution	0.1ppm, 1ppm or customized
Precision	$\leq \pm 3\%FS$
Alarm mode	Audible-visual alarm, Vibration alarm, Voice $\geq 75dB@25cm$
Preheat time	$\leq 90s$
Response time	$T_{90} \leq 30s$
Recovery time	$\leq 20s$
Explosion proof grade	Ex ib IIB T3
Protection grade	IP64
Output signal	Wireless transmission and print function (Optional)
Body materia	PC+TPU
Working temperature	$-20^{\circ}C \sim +50^{\circ}C$ (or customized)
Working humidity	$\leq 95\%RH$ , (non-condensing)
Charger	USB port
Working voltage	3.7V rechargeable lithium battery
Charging time	$\leq 6$ hours
Working time	$> 8$ hours continuously (When normal temperature and no alarm)
Power consumption	$< 0.7W$
Working pressure	86 ~ 106KPa
Dimension	119.6x60x44mm(L*W*H)
Standards	GB3836.1-2010, GB3836.2-2010, GB3836.4-2010, MT 704-2008, MT 703-2008,MT 1084-2008,GB 15322.3-2003
Warranty	12 months
Accessory	Box, instruction, USB charger , data line, calibration cap

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**Applications:**

The portable Phosphine PH<sub>3</sub> 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 PH<sub>3</sub> gas.