

## PONPE 02-100

### Portable 100% Oxygen Analyzer

- Handheld, industry use, high sensitivity and accuracy
- Intrinsically safe, Ex sign is Exibd
- Rugged ABS+PC case, heavy duty, crash resistant
- High-capacity chip, 4 layers PCB board
- Visual & audible alarm
- High & low alarm point, fully adjustable
- SETL & TWA alarm
- Low battery alarm
- Rechargeable battery
- LCD large screen display with Real time of target gas concentration, clock and status of battery
- With Stainless Steel belt clip
- Support data logging function
- External air sampling pump is available for gas leak detection.
- Imported sensor

### Application

It is extensively used in petroleum, petrochemistry, chemical industry, gas, coal, metallurgy and power system; safe detection in municipal administration, communication and traffic tunnel construction; electronics and semiconductor industry, animal husbandry, biogas Plant & biogas digester and other places where toxic and harmful gases exist. It can be also used in food & beverage industry, agriculture, medical industry, lab, etc for related gas analysis.



**100% O2 Analyzer  
External Sensor**

## Specifications

Gas detected	Oxygen (O2)
Measuring range	(0-100)%vol
Resolution	ratio
Sensor	CITY Electrochemi-
Sensor lifetime	≥2 year
Response time	≤35s(T90)
Alarms	Audible--buzzer with ≥75dB audible Visible--flashing red LED, ≥20m visible
Storage Temperature	-20 ~ 60UC (-4 ~
Alarm point	High and low, fully adjustableAAA*2 battery
Data logging (optional)	Continuous data logging (9000pcs of data at configurable: 0.1-10 minutes
Continuous working time	>3 months ( without backlight)
Working current	<1mA ( without backlight)
Working temperature	-25°C~+55°C, short time: -40°C~+55°C
Display	Liquid crystal display (LCD)AAA*2 battery
Battery model	PL123450, 3.7V/1500mA
Charging time	4-5 hours140
Dust and water resistance	IP65AAA*2 battery
Size & Weight	105*54*32mm/200g
Ex sign	Exibd I

## Set Includes

USB extension cord, Charging adapter, Calibration mask, Calibration tube, Stainless steel clip, Hanging cord, Leather case, Manual