

## PONPE 321-1

### Introduction

PONPE 321 portable multi-gas detector could detect combustible gas, O2 and other two types toxic gases continuously and simultaneously. It is widely used in the area where explosion-proof is required or toxic gas leaks, like underground channels or mining industry, so as to protect the workers' life and avoid damage on the relevant equipments.



Sensor type	Infrared, catalytic, electrochemical	Data logging (optional)	Continuously data logging (1900 data at 0.1-10 configurable interval)
Size & weight	145x69x28mm (LxWxH) / 400g	Charging time	4-5 hours
Battery	Rechargeable lithium	Continuous working time	>12h
Alarms	LED alarm @ ≥20cm Buzzer alarm ≥95dB @30cm Low power alarm	Working Temperature	-25°C ~ +55°C, short time: -40°C ~ +55°C
Charging	By AC adapter or 5V USB port	Sensor lifetime	Infrared: ≥5 years Electrochemical: ≥2 years Catalytic: ≥1 year
Display	Color LCD / OLCD	Ex proof sign	Exibd I
LCD reading	Real-time concentration, battery indicator, date	Sampling	Natural diffusion
Backlight	Always ON	IP degree	IP54
Approval	Ex, MA, CMC, CE		

## Specifications

Model No.	Gas Detected	Range
PONPE 321-1	Oxygen	(0.00-30.0)%VOL
	Carbon Monoxide	(0-1000) ppm
	Hydrogen Sulfide	(0-100) ppm
	LEL	(0-100)%LEL
PONPE 321-2	Methane	(0.00-4.00)%VOL
	Oxygen	(0.0-30)%VOL
PONPE 321-3	Methane	50%LEL
	Carbon Monoxide	50%LEL
PONPE 321-4	Carbon Monoxide	(0-1000) ppm
	Oxygen	(0.0-30.0)%VOL
PONPE 321-5	O <sub>2</sub>	(0.00-30.0)%VOL
	Carbon Dioxide	(0.00-5.00)%VOL
PONPE 321-6	Methane	(0.00-5.00)%VOL
	Carbon Dioxide	(0.00-5.00)%VOL

Model No.	Gas Detected	Range
PONPE 321-7	Methane	(0-100)%VOL
	Carbon Dioxide	(0-100)%VOL
	Hydrogen Sulfide	(0-100) ppm
PONPE 321-8	Methane	(0.00-5.00)%VOL
	Carbon Monoxide	(0-1000) ppm
	Carbon Dioxide	(0.0-30.0)%VOL
PONPE 321-9	Methane	(0.00-5.00)%VOL
	Oxygen	(0.0-30.0)%VOL
	Hydrogen Sulfide	(0-100) ppm
PONPE 321-10	Methane	(0.00-5.00)%VOL
	Carbon Monoxide	(0-1000) ppm
	Hydrogen Sulfide	(0-100) ppm
PONPE 321-11	Carbon Monoxide	(0.00-5.00)%VOL
	Oxygen	(0.0-30.0)%VOL
	Hydrogen Sulfide	(0-100) ppm
PONPE 321-12	Nitrogen Dioxide	(0-20) ppm
	Carbon Dioxide	(0.00-5.00)%VOL

## Accessories

Standard accessories	gas detector, aluminum case, english manual, card repair, USB data cable charger, Lanyard, cover set, nuts
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