

Portable Multi Gas Detector **GAS3000** 5 Gas Monitor (Pump Suction)

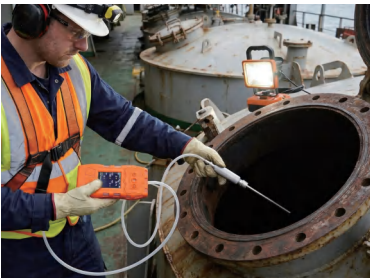
Ocean one[®]



About this item

INTRODUCTION:

Industrial-grade safety solution for confined spaces and Ex-zones. Simultaneously monitors 5 gases (Combustibles, O₂, H₂S, CO, CO₂) with high-precision sensors. Features diffusion/pump suction modes, IP66 ruggedized housing, triple alarms, and Ex ia IIC T4 Ga certification. Supports data logging and PC export.



CHARACTERISTIC:

- Multi-Gas Precision Monitoring
- Intrinsically Safe & Ruggedized
- Data Visualization & Logging
- Professional Certification Option
- Dual Sampling Versatility
- Triple-Tier Alarm System
- Extended Battery Life & Reliability
- Temperature Compensation (Built-in)

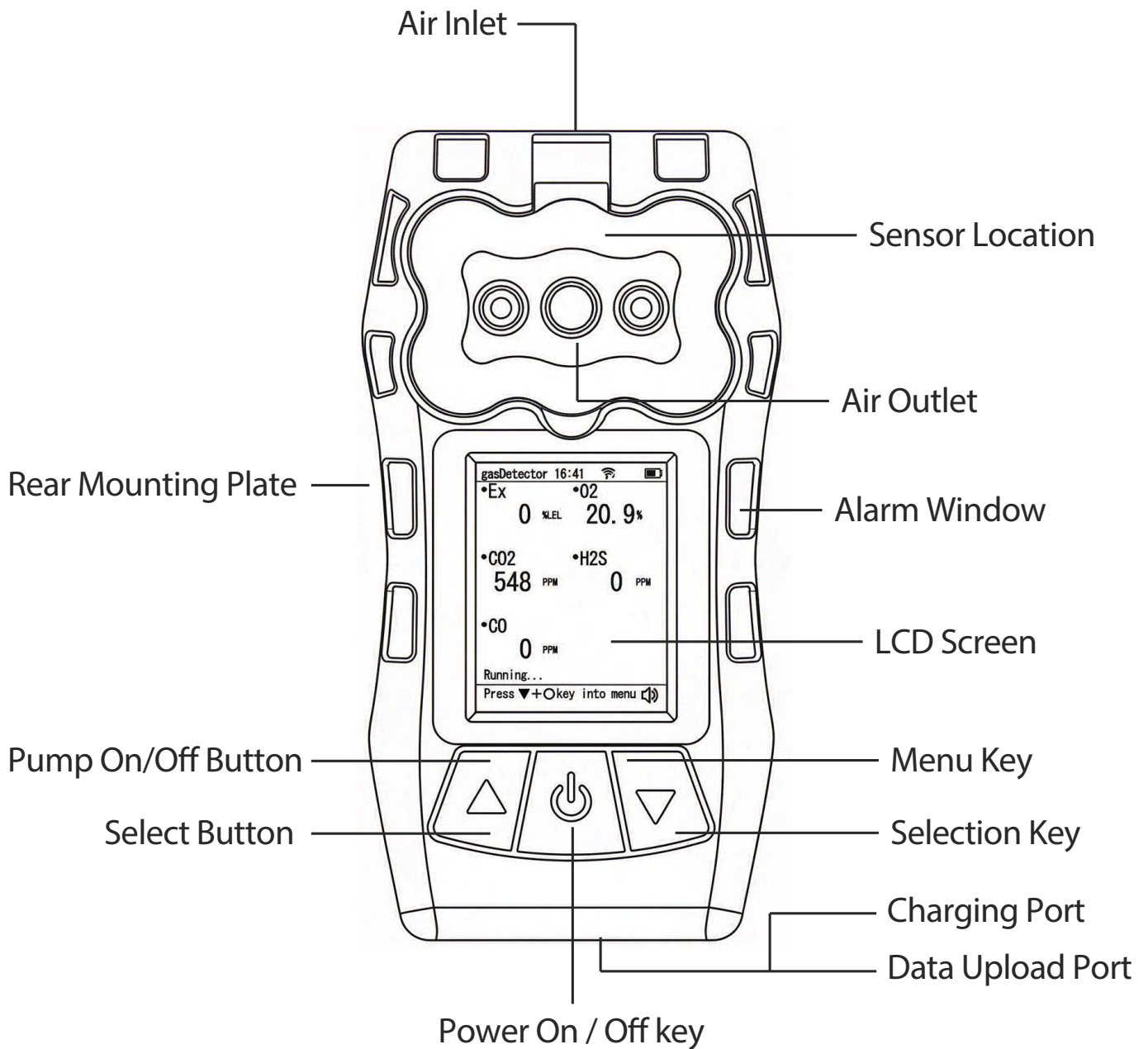
SPECIFICATION:

Model	GAS3000
Accuracy	±3%FS / ±5%FS
Explosion-proof mark	Ex ia IIC T4 Ga / Ex ia IIIC T ₂₀₀ 130 °C Da
Protection rating	IP66
Dimensions	L 158 mm × W 83 mm × H 45 mm
Weight	Approximately 450 g

Detectable Gases & Ranges

GASES	Range
H ₂ S	0 - 100 ppm
CO	0 - 1000 ppm
CO ₂	0 - 5000 ppm
O ₂	0 - 30% Vol
Ex	0 - 100% LEL

Disclaimer
Accuracy of all technical data and information are provided to the best knowledge of the manufacturer. Properties, specifications and application parameters are subject to change without notice. The manufacturer does not undertake any liability of any kind whatsoever.

Portable Multi-Gas Detector – 5 Gas Monitor

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Portable Multi-Gas Detector – 5 Gas Monitor**Technical Specifications:**

Target Gases	Combustible (LEL), Toxic gases, Oxygen (O ₂), etc. (Up to 5 gases simultaneously)
Detection Principles	Catalytic Combustion, Electrochemical, Infrared (NDIR), PID
Sampling Method	Dual Mode / Pump & Diffusion
Measurement range	Combustible: (0~100)% LEL Toxic: (0 ~100) ppm /μmol/mol (Customizable ranges available)
Accuracy	±3 % FS (Combustible); ± 5 ppm or ± 10 % (Toxic, gas-dependent)
Alarm Thresholds	Low Alarm: 20% LEL (Default/Adjustable) High Alarm: 50% LEL (Default/Adjustable)
Alarm Modes	Visual (LED), Audible (≥80 dB), Vibration; Fault and Low-voltage alerts
Display	High-definition Color LCD
Response Time (T ₉₀)	≤30s
Operating Environment	-25 °C ~ +55 °C; (20 ~ 93)% RH (Non-condensing)
Power Supply	3.7 V DC Lithium-ion rechargeable battery
Battery Capacity	Dual-cell system (1800 mAh + 1300 mAh)
Power supply voltage	DC 3.7V
Battery capacity	1800 mAh+1300 mAh lithium ion rechargeable battery
Charging & Runtime	Charging time < 5 h; Continuous operating time ≥ 8 h
Atmospheric Pressure	86kPa ~ 106kPa
Mechanical Specs	158 × 83 × 45 mm; Approx. 450 g
Ingress Protection	IP66
Explosion-proof Rating	Ex ia IIC T4 Ga / Ex ia IIIC T ₂₀₀ 130 °C Da

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