



Product Name	GAOTek Portable Ammonia Gas Detector
Product SKU	GAOTek-AGD-101
Product URL	https://gaotek.com/product/gaotek-portable-ammonia-gas-detector-2/

Contact us: sales@gaotek.com

Based in New York City & Toronto, GAO Tek Inc. is ranked as one of the top 10 global B2B technology suppliers. GAO ships overnight within the U.S. & Canada & provides top-notch support thanks to its 4 decades of experience.



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GAOTek Portable Ammonia Gas Detector

1. Overview of the Product:



GAOTek Portable Ammonia Gas Detector is a multi-gas detector measuring a maximum six (6) gases, to protect the disasters caused by O₂ deficiency, toxic gas poisoning, and combustible gas explosion. It continuously measures a maximum of six gases of combustible gas, O₂ and toxic gases, and displays their concentrations. Once the risk occurs, it also raises the alarm (visual, audible, and vibrative). By adopting an interchangeable smart sensor module, it can be made for detecting 5 gases and 6 gases.

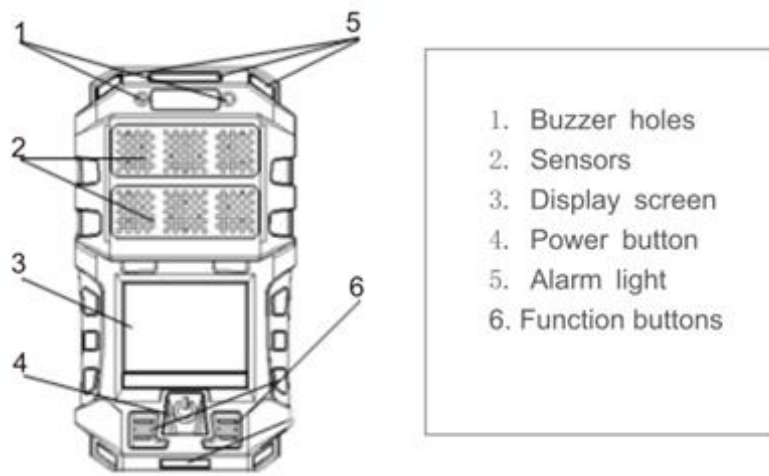
2. Features of the Product:

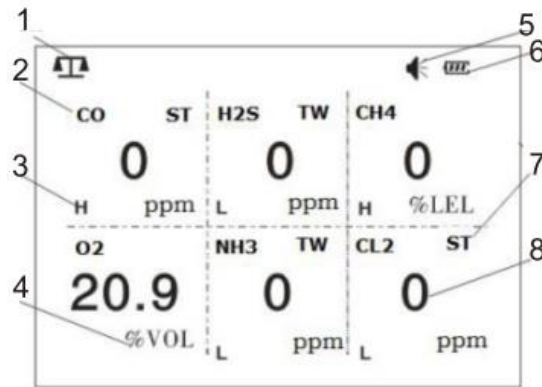
- Interchangeable smart sensor module
- Intrinsically safe
- MOS, catalytic, electrochemical, infrared, PID sensors selectable
- Built-in sampling pump (optional)
- Visual, audible, and vibrative alarm
- Adjustable alarm levels and span calibration value
- STEL and TWA alarm for toxic gases
- Password management
- Real-time clock
- Self-test after power on
- Self-diagnostic and self-correction function
- GPS, GPRS, and man down function (optional)

3. Product Applications:

GAOTek Portable Ammonia Gas Detector can be used in Steelworks, Petrochemical plants, Oil Industry, Shipbuilding Yard, Sewage Treatment Plant, Mine, Power Supply Work, Confined Spaces, etc.

4. Product Appearance:





1. Calibration icon
2. Gas name
3. Alarm type
4. Gas unit
5. Buzzer status
6. Battery voltage
7. TWA / STEL alarm
8. Gas value

5. Product Specifications:

Measuring gas	O ₂	CO	H ₂ S	Combustible	Working temperature	Toxic gases: -20°C ~ -50°C
Measuring range	0-25% VOL	0-500ppm	0-100ppm	0-100%LEL		Combustible: -40°C ~ -70°C
Sensor type	Electrochemical			Catalytic	Working humidity	<95%RH (no condensation)
Measuring type	Diffuse naturally (pump sampling if pump is selected)				Housing	Rubber enclosure
Response time	T90 <30s				Standard accessories	Operation manual, calibration cap, charger, screwdriver, USB cable
Audible	≥80dB at 1m					
Alarm method	Visual, audible and vibrative signals				Dimension	168mm*91mm*45mm
Battery	DC3.7V 6600mAh Lithium battery				Weight	About 500g
Operating file	8 to 300h (depends on the gas integration)				Ingress protection	IP66
Event log	100,000 events				Ex grade	Ex d ib IIC T4 Gb/Ex ib D21 T4

Note: For detecting other gases, please refer to our gas list.