



	AMMONIA DETECTOR	OTHERS
USA NIST Calibration	✓ YES	✗ NO
USA Operations	✓ YES	✗ NO
USA Customer Support	✓ YES	✗ NO
Menu Functions CAL, ZERO, Alarm Log	✓ YES	✗ NO
Dust, Water & Explosion Proof	✓ YES	✗ NO



**ACCURATE:** Ammonia (NH3) gas detector using electrochemical sensors, 0 - 100 ppm with 0.1 ppm resolution.

Comes **FACTORY CALIBRATED**. Turn ON and GO.

**QUALITY:** Electrochemical cell sensor with accuracy:  $\pm 5\%$  F.S. Zero and span calibration options.

**ALARMS:** Adjustable audio, visual, and vibration alarms alert when preset levels are reached.

**STRONG:** Shockproof, water-resistant, dust-proof, and explosion-proof. Belt clip and accessories included.

**TRUSTWORTHY:** 1-year limited warranty \*\* Arrives with calibration and QA certificates \*\* Product tested and verified in the USA \*\* 100% quality guaranteed \*\*

## Specifications

Ammonia (NH3) Detection: 0 - 100 ppm with 0.1 ppm resolution Calibration. USA NIST Traceable Gas Source Recommended Calibration Period: 12 months Gas Sensor Type: Electrochemical Gas Sensor Gas Sensor Life: 2 - 3 years Error:  $\pm 5\%$  F.S Response Time: < 30 sec Indicators: LCD indicates the time, concentration, internal temperature, and battery level Alarm: Indication of alarm, fault, and low voltage with LED, sound, and vibration Store / Operating Temp: 0°F - 122°F Store / Operating Humidity: <95%RH Voltage: DC 3.7V Li-battery 1500 mAh Working Time: > 24 hours Charging Time: 3 hours Explosion Rating: ATEX certified Ex ib IIC T4 Gb Weight: 5 oz / 140 g (including battery) Dimensions: 4.3 x 2.3 x 1.7 inches



The most professional ammonia gas detector . Equipped with electrochemical sensors and comes factory-calibrated. The detection range of NH3 is 0 -100ppm. Comes factory NIST calibrated.

The detector has a DC3.7V Li-battery 1500mAh that allows for over 48 hours of continuous use. Includes advanced features such as temperature detection, alarm recording, alarm setting, backlight high-resolution LCD, calibration features, and others. Ammonia is a toxic gas that requires continuous detection, particularly in occupational spaces. NH3 is used in farm fertilizers and commercial refrigeration, water purification, treatment facilities, chemical plants, high-technology manufacturing, and household cleaners.

These devices are primarily used to [detect ammonia from livestock](#), pig & poultry operations, chemical plants, and cold storage lockers. If an ammonia wall-mount unit is required for continuous indoor monitoring we recommend our [wall-mount ammonia detector](#). We also recommend our [ammonia NIST traceable calibration](#) gas and calibration [gas bottle regulator](#). For bump testing, ammonia bump test gas is not available. In this case, we simply recommend using the calibration gas and regulator setup to serve as the bump test gas. If an external pump and probe setup is required, we offer our [external pump and probe](#) setup for point sampling ammonia measurements. Included: Gas detector, belt clip, sling, English manual, USB charging cable, calibration cover, and USA NIST calibration certificate.

### Calibration Options:

[Calibration Service](#)  
[Calibration Tutorial \(DIY\)](#) Calibration Kit (DIY sold separately):  
[Tubing](#)

[Calibration Gas \(NH3\)](#)  
[Calibration Gas Regulator \(C10\)](#)

### OTHER ACCESSORIES (SOLD SEPARATELY):

[Gas Sensor Replacement \(NH3\)](#)  
[Bump Gas \(can use H2S\)](#)  
[Pump and Probe](#)  
[Gas Detector Hard Case](#)  
[Gas Detector Pouch](#)  
[Gas Detector Stand](#)