

# Ammonia Gas Detector

## General information center ADGD-6002NA NH<sub>3</sub> Ammonia Gas Detector:

### Application:

Furniture, flooring, wallpaper, paint, gardening, interior decoration and renovation, dyes, paper, pharmaceutical, medical, food, corrosion Disinfection, chemical fertilizers, resins, adhesives and pesticides, raw materials, samples, process and breeding plants, waste treatment plants, perm places  
Biopharmaceutical production workshops, home environment, livestock breeding, greenhouse cultivation, storage and logistics, brewing fermentation, agricultural production

### Function:

Monitoring of the environment, or the concentration of Ammonia in a confined space and give an alarm  
With self-check function, zero calibration function, so that gas monitoring more accurate and reliable  
One key to restore the factory settings, can be removed from misuse problems  
With temperature and pressure compensation, to achieve the perfect, different temperature and pressure environment, the gas concentration compensation  
Two sound and light alarm, alarm point can be set their own  
Large-capacity lithium polymer rechargeable battery  
Pump suction sampling, adjustable suction pump  
Shell with high-strength special engineering plastics, non-slip, waterproof, dustproof, explosion  
Exquisite upscale aluminum suitcase



## Feature:

- Using imported high-precision electrochemical principles sensor
- USB interface high speed data transmission, can be downloaded print data (optional)
- LCD dot matrix display technology, can display the type of gas, the gas unit, gas concentration values, measured maximum, local time, ambient temperature, etc.
- Support Chinese and English operation interface, easy to switch
- Gas concentration unit PPM, mg/m<sup>3</sup> can quickly switch display
- Built-in micro sampling pump, the pump suction size ten stalls adjustable
- Explosion-proof certification, proof grade: Exia II CT4

## Technical Specification of the device:

- Gas Detected: Ammonia (NH<sub>3</sub>)
- Detection principle: Electrochemical principles
- Sampling Method: Pump-suction, flow up 1L/min, pump suction size ten stalls Adjustable
- Measure Range: 0-100ppm, 0-500ppm, 0-1000ppm (choose one)
- Resolution: 0.01ppm (0-20ppm, 0-50ppm, 0-100ppm), 0.1ppm (0-500ppm), 1ppm (0-1000ppm)
- Precision: 1% FS
- Signal Output: USB interface high speed data transmission, can be downloaded print data (optional)
- Response Time: ≤ 10S
- Repeatability: ≤ ± 1%
- Zero shift: ≤ ± 1% (F.S / Year)
- Operating language: Support in English
- Temperature: -40 °C ~ 70 °C
- Explosion-Proof: Exia II CT4
- Alarm mode: Sound, light, vibration
- Dimensions: 205\*75\*32mm
- Recovery Time: ≤ 10S
- Linearity error: ≤ ± 1%
- Display: LCD dot matrix display technology
- Gas unit: Support for multiple gas unit switch display
- Humidity: 0-95% RH
- Degree of protection: IP66
- Operating time: 100 hours (off pump)
- Weight (net/gross): 300g/800g

