

Portable Ammonia Gas Detector 0-100 ppm

This portable detector accurately measures ammonia gas concentrations in the range of 0-100 ppm. It features a clear digital display and user-adjustable alarm settings.



ADDITIONAL IMAGES



Overview



The clear LCD provides simultaneous readings of NH₃ concentration, temperature, and humidity.

Professional Portable Ammonia Detection

The HP-5800G is a high-precision portable ammonia (NH₃) gas detector designed for rapid and accurate monitoring in industrial, agricultural, and environmental settings. With a measuring range of 0-100 ppm and a clear digital display, it provides real-time data on gas concentration, temperature, and relative humidity. Equipped with user-adjustable alarms and a robust rechargeable battery, this device ensures workplace safety and environmental compliance in demanding conditions.

Key Metrics

Performance Highlights

100 ppm

Max Range

0.1 ppm

Resolution

2 Years

Sensor Life

Technical Specifications

Additional Measurements

- Ambient Temperature (°C/°F)
- Relative Humidity (%RH)

Ammonia Measuring Range	0-100 ppm
Sensor Principle	Electrochemical principle
Power Supply	Rechargeable NiMH battery via USB (DC 5V)

Features & Interface



Detailed view of the device interface including the LCD display, sensor location, and control buttons.

Alarm System	Audible and visual indicators with user-adjustable thresholds
Display Type	Digital LCD with real-time multi-parameter readout
Interface Controls	Power On/Off, Mode Selection, Alarm Setting, Unit Switch (°C/°F), Increment/Decrement

Physical Dimensions

Device Size

Dimension	Value
Height	218 mm
Width	75 mm
Depth	122 mm

Applications



Versatile monitoring suitable for industrial, commercial, and residential environments.

Recommended Environments

Industrial Safety • Agriculture • Environmental Monitoring • Engineering Facilities • Classrooms • Offices

Package Contents

What's in the Box

- Ammonia Gas Detector
- Carrying Case
- USB Charging Cable
- User Manual