

GASALERT EXTREME

AMMONIA LEAK DETECTOR



Key Features

- Smaller and lighter than competing instruments
- Water-resistant design in an integral concussion-proof enclosure
- Real-time readings on large LCD
- Compact and comfortable to wear
- 1.5 year battery life
- Internal vibrating alarm for high noise areas
- Bright wide-angled visual alarm bars
- Auto backlight activates in low light & when in alarm
- Four alarm levels: instantaneous Low Alarm, High Alarm, TWA, and STEL

AMMONIA PERSONNEL PROTECTOR 0-400 PPM

The GasAlert Extreme utilizes electrochemical sensor technology to cover a range of 0-400 ppm ammonia. Ideal for personnel protection with use of alligator belt clip for working on ammonia systems.

At concentrations between 0-400 ppm ammonia, the GasAlert Extreme provides audio/visual alarms at customizable low and high alarm set-points, as well as TWA and STEL alarms.

The electrochemical sensor offers real time readings of the ammonia concentrations in the atmosphere. Refrigeration technicians will find this a useful tool for monitoring ammonia levels while working in industrial environments involving dangerous ammonia gas.

Applications

- Compressor Rooms
- Tank Rooms
- Personnel Protection
- Air Monitoring
- Sea Vessels
- Food Processing
- Chemical Plants
- Refrigeration Systems
- Emergency Response

Accessories Included

- Long Life Battery
- User Manual
- Alligator Belt Clip



The **GasAlert Extreme** has a large LCD offering real-time concentrations of ammonia gas.

Audible, visual, and vibrator alarms activate in the event of a low, high, TWA, or STEL alarm condition. Other standard features include automatic O2 calibration, full function self-test, stealth mode, confidence beep, backlight options, STEL / TWA measurement choice, user-settable calibration gas concentrations, calibration due lockout, and multi-language support.

GasAlert Extreme detectors come standard with a datalogging feature and include a built-in IR COM port for automatic data transfer to a computer through the optional IR Datalink (sold separately). Up to 8 months of continuous data is automatically stored at 5 second intervals (based on a normal work week). Sampling rate can be adjusted in the user options. When full, wraparound memory feature replaces oldest data with most recent data.

Ordering Information

The **GasAlert Extreme** is delivered ready for use with a 0-400 ppm electrochemical sensor, long life battery, stainless steel alligator belt clip, instructions, and calibration adapter.

Order #: [BW-GAXT-A2-DL](#)
[BW-GAXT-A2-RC](#) (replacement NH3 cell)
[BW-GA-USB2-IR](#) (IR datalink)



SPECIFICATIONS

Due to ongoing research and product improvement, specifications are subject to change

Battery:

Replaceable 3v Lithium battery with 1.5 year battery life

Sensors:

Electrochemical NH3

Ranges:

0-400 ppm NH3

Calibration Due Date:

Days remaining until next calibration displayed on start-up

LCD:

Continuous, alphanumeric gas readout and status display advises

Tests:

Sensor integrity, circuitry, audible/visual alarms on activation, and battery (continuous)

Datalogger:

All readings and events. 5-second interval sampling, adjustable from 1 second to 60 seconds.

Alarm Indicators:

Clearly advises alarm conditions with audible, visual, and internal vibrator alarms

Visual alarms: Two flashing alarm bars visible from all angles. LCD indicates gas present and alarm levels encountered

Audible alarm: Typically 95 dB at 1 ft. / 30 cm variable pulsed audible alarm

Vibrator alarm: Pulses warning in gas alarm conditions, or for any status alarms

Status alarms: Low battery, calibration due

Alarm Levels:

Instantaneous Low Alarm; Instantaneous High Alarm; TWA (time-weighted average), and STEL (short-term exposure limit)

Alarm setpoints:

Customizable and displayed on activation

Calibration Schedule:

6-month intervals

Enclosure:

Rugged, composite material; Highly water resistant and dust proof, with built-in concussion-proof boot

Humidity:

0 - 95% RH (non-condensing)

Dimensions:

1.1 x 2.0 x 3.75 in

Weight:

2.9 oz

Gas concentration:

Continuously displays gas concentration

User field options:

Confidence beep, latching alarms, stealth mode, passcode protection, automatic O2 calibration, automatic backlight, user-settable calibration gas level, calibration past due locked, and 5 language choices

Warranty:

1 year (including sensors)