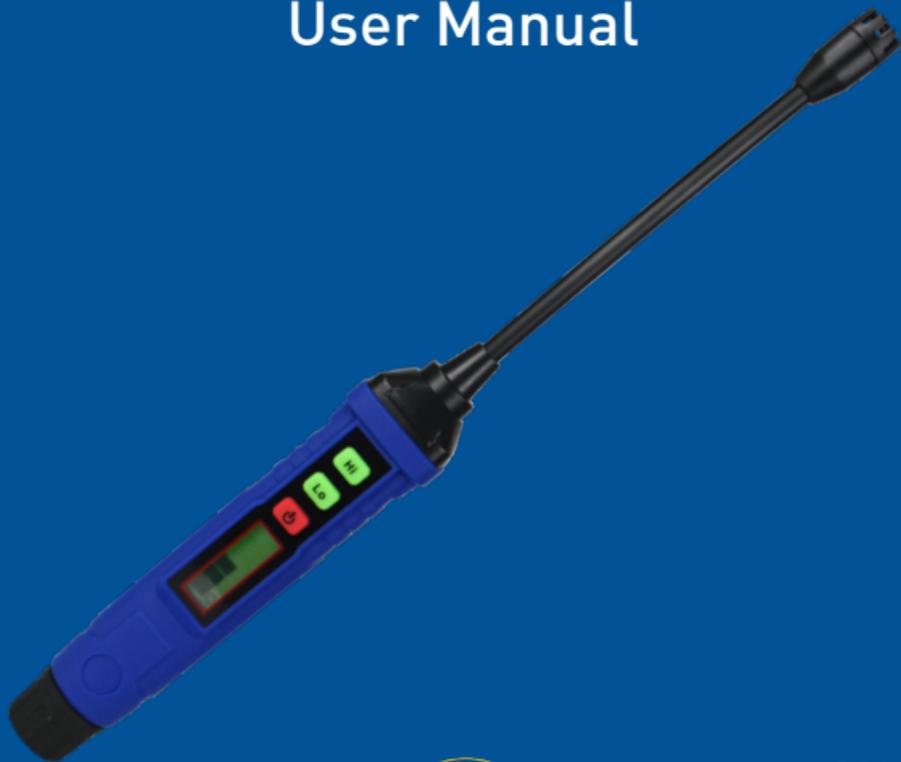


ARCTIC
HAYES

GAS LEAK DETECTOR

User Manual



AH61

Before using the instrument, please read this manual carefully, and save for future reference.

In order to use the gas leak detector correctly, please read the instructions carefully before use, noting any safety information. It is recommended that you keep this instruction manual safe for future reference.

- Before using the gas leak detector inspect the plastic casing.
- **Do not** use the gas leak detector if it appears damaged. Look for cracks or missing plastic.
- **Do not** use the gas leak detector if it operates abnormally.
- **Do not** use the gas leak detector on or near live apparatus.
- Replace the batteries as soon as the power indicator flashes. This will reduce the possibility of false readings.
- Never attempt to open the unit and perform any repairs this will automatically void the warranty.
- **Do not** allow the sensor to come into contact with moisture or acids.

Maintenance Information.

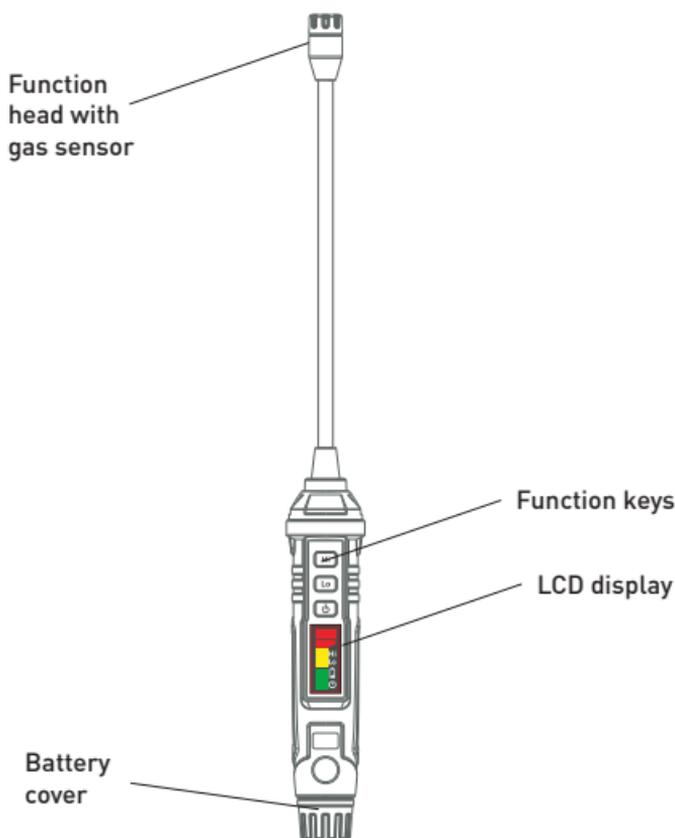
The unit may be cleaned using a dry soft cloth, do not use a wet or abrasive cloth, solvents or detergents.

Warning.

Turn the gas detector on in a clean air environment away from the test area. Failure to do so may cause the unit to indicate a false reading.

The sensor head should not be removed.

Physical Appearance



Height - 287mm
Width - 32mm
Depth - 30mm

Weight - 49.5g
(without batteries)

Turn on: Press the power key and hold it for more than 1 second, then turn on the instrument with a beep.

Turn off: Press the power key and hold it for more than 1 second, then the buzzer will beep for a long time to turn off.

Sensitivity selection:

Lo: >Approx. 50PPM alert

Hi: >Approx. 500PPM alert

Press “Hi” key:

The display will show “Hi” and High sensitivity mode

Press “Lo” key:

The display will display “Lo” and low sensitivity mode.

Operation:

- In a clean air environment, press the power key to turn on.
- The detector will start preheating the sensor, and the analog bar will be displayed circularly. After waiting for about 30 seconds, the detector will beep and preheat is completed.
- After preheating the detector, take the detector to the detection environment.

- Move the sensor head closer to the detection point.
- When the detector detects combustible gas, the number of simulation bars will increase with the increase of gas concentration. The beeping sound will also become faster as the gas concentration increases.
- Press the power key and hold it for more than 1 second, then the buzzer will beep for a long time to turn off.

Low battery voltage:

When the battery voltage is lower than the working voltage, the display screen will display "  " Please replace the battery in time.

Auto power off:

No operation, no alarm signal, automatic shutdown after about 10 minutes.

General technical specifications	
Sensor	Gas sensitive bulk semi-conductor
Reaction sensitivity	≥ 50ppm (methane)
Warm up time	Approx 30 seconds
Reaction time	≥ 2 Seconds
Operating conditions	0°C to 50°C / 20 to 80%RH
Storage conditions	-10°C to 60°C / 20 to 80%RH
Battery life	Approx 3 hours
Power supply	2 x 1.5 alkaline batteries (included)

Battery replacement:

- Rotate the battery cover anti-clockwise then remove the old batteries.
- Install the new batteries according to the polarity.

Limited warranty

1 year warranty against any manufacturing defects or faulty workmanship. This warranty does not cover fuses, disposable batteries or damage from accident, neglect, misuse, alteration, contamination or abnormal conditions of operation or handling.

 **WEEE Directive 2012/19/EU At the end of the product life, dispose of the instrument & batteries in a corresponding recycling centre. Do not dispose of the unit with the usual domestic refuse. Do not burn the product.**



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