AGM 55

COMBUSTIBLE

GAS LEAK

DETECTOR

ANTON

OPERATING

INSTRUCTIONS

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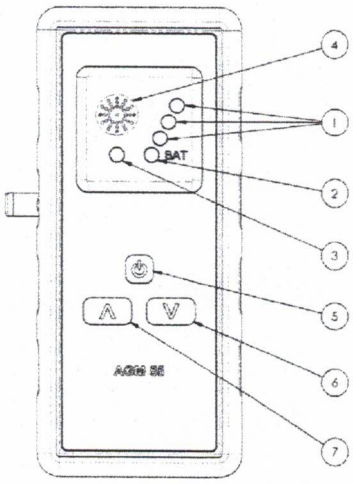
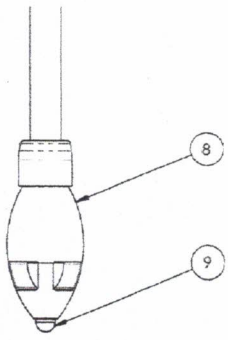


1. Gas intensity scale. yellow/orange/red indicating increasing gas intensity.
2. Green power LED indicating the unit is switched on. This LED flashes when the batteries need replacing.
3. Red LED gas intensity indicator. Flashes in unison with the buzzer (visual indication).
4. Gas intensity buzzer. Sounds more frequently with increasing gas intensity (audible indication).
5. Power Switch. Press and hold for 0.5s to turn on. Press and hold for 2s to turn off.
6. DOWN Switch. Press and hold to decrease sensitivity.
7. UP Switch. Press and hold to increase sensitivity.



8. Gas sensor open to ambient air but protected by the head enclosure.
9. White LED 'search light' for illuminating the source of the gas leak.

SPECIFICATIONS

Power Supply	3 x AA Alkaline Batteries
Battery Life	> 1500 x 1 minute readings*
Duty Cycle	Continuous. Auto switch off after 5 mins.
Sensor	Solid State
Sensitivity	10 ppm methane
Warm Up Time	About 30 seconds
Response Time	Immediate
Operating Temperature	-10 to +50 °C
Weight	400 grams including batteries
Dimensions	185 x 75 x 37 mm (Body) 425 mm (Probe length)

* Using recommended Industrial batteries

GENERAL DESCRIPTION

The AGM 55 exploits the latest in sensor and electronics technology to offer a compact and affordable gas leak detector. Primarily designed to detect the high methane content of natural gas it is also sensitive to a wide range of combustible gases.

INSTRUMENT OPERATION

1. Press and hold ⏻ button for 0.5s to turn on. It is recommended to turn on the unit in uncontaminated air i.e. away from the area where a leak is suspected.
2. The green LED will illuminate to indicate the instrument is powered on. During the instrument warm-up period of around 30s, the Red LED may flicker and buzzer may sound. After the warm-up period the buzzer will sound every few seconds to indicate the instrument is operational.
3. The sensitivity of the instrument can be tuned by pressing the UP button to increase the sensitivity or by pressing the DOWN button to decrease the sensitivity.
4. Approach the suspected leak area with the sensor head. As the instrument gets closer to the leak the buzzer will sound more frequently (and the Red LED will flash more frequently). Use the UP and DOWN buttons to adjust the sensitivity and zone in on the source of the leak.
5. If the Green LED starts flashing it is time to change the instrument batteries. Do not change the batteries in a suspected gas leak area.
6. To preserve the battery life the instrument will turn itself off after 5 minutes from the last UP/DOWN button press.

BATTERY REPLACEMENT

1. Remove the protective rubber boot by slipping it away from the bottom of the case and sliding it along the flexible goose neck exposing the case back.
2. Remove the battery cover from the bottom of the case by removing the four screws.
3. Remove the three AA batteries and replace with good quality AA Alkaline batteries taking care to install them the right way round.
4. Replace the battery cover carefully making sure it is alligned properly and replace the screws. Take care not to over tighten the screws otherwise it may damage the case.
5. For best results and longer life always use quality alkaline batteries ID 1500 or equivalent.

OPERATION CHECK

1. To verify the operation of the AGM 55 turn the instrument on and allow it to warm up for 30 to 40 seconds.
2. Expose the sensor to a gas source. The buzzer should sound more frequently when exposed to the gas source and less frequently when removed from the gas source.
3. If the instrument does not respond to changes in exposure to a gas source, the sensor may need to be replaced. The instrument should be returned to the factory for inspection.

CAUTIONS

Exposure to silicone based products, corrosive gases, water / condensation and freezing should be avoided at all times as this will cause damage to the sensor and internal component corrosion.

This instrument should not be stored or operated outside of its operating temperature range.

STANDARD ACCESSORIES

The AGM 55 is supplied complete with:

- Three AA Alkaline batteries
- Operating instructions
- Protective rubber boot

WARRANTY

This instrument is guaranteed against defects of workmanship and materials for a period of twelve months from date of invoice.

During the warranty period a defective instrument will be repaired or replaced at the discretion of the manufacturer. This warranty does not cover damage or failure due to misuse or accident. Modification, adjustment or any alteration shall void the warranty.

For any warranty claims to be considered the instrument must be returned to Anton along with proof of purchase at the senders cost.