

Eujgoov AS8800L

Eujgoov Smart Sensor AS8800L Flammable Gas Detector Instruction Manual

Model: AS8800L

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of the Eujgoov Smart Sensor AS8800L Flammable Gas Detector. Please read this manual thoroughly before operating the device and retain it for future reference.

1.1 Package Contents

- 1 x Eujgoov Smart Sensor AS8800L Flammable Gas Detector
- 1 x Instruction Manual (this document)
- *Note: 3 x 1.5V AA batteries are NOT included and must be purchased separately.*

2. SAFETY INFORMATION

Important Safety Precautions:

- This device is designed to detect flammable gases. It is not a substitute for proper safety procedures or equipment.
- Always ensure adequate ventilation when investigating gas leaks.
- Do not expose the device to extreme temperatures, humidity, or corrosive environments.
- Do not attempt to repair or modify the device. Refer all servicing to qualified personnel.
- Replace batteries promptly when the low battery indicator appears to ensure accurate readings.
- Keep the device out of reach of children.

Warning: Not suitable for children. Please read the product instructions and applicable age range carefully before purchase and use.



This image shows a warning label with the text "Warning: Not suitable for children, please read the product instructions and applicable age range carefully before purchase" translated into multiple languages (English, German, French, Spanish, Polish, Dutch, Swedish, Italian, Turkish).

3. PRODUCT FEATURES

- **Flexible Stainless Steel Probe:** Long, flexible probe for reaching confined or difficult areas.
- **Audible and Visual Alarm:** Sound and light indicators for gas leakage detection.
- **Leakage Degree Indication:** Visual indication of gas leakage severity.
- **Adjustable Sensitivity:** Allows adaptation to various detection requirements.
- **Low Battery Indication:** Alerts user when battery replacement is needed.
- **Compact and Lightweight:** Easy to carry and operate.

4. DEVICE OVERVIEW

Familiarize yourself with the components of the AS8800L Flammable Gas Detector.







Figure 4.1: Front view of the AS8800L Flammable Gas Detector, showing the main unit and the flexible probe.





Figure 4.2: Side view of the AS8800L Flammable Gas Detector, highlighting the sensitivity adjustment dial.



Figure 4.3: Labeled diagram of the AS8800L Gas Detector, indicating the probe, metal hose, leakage degree indicator, power indicator, speaker, and ON/OFF switch.

5. SETUP

5.1 Battery Installation

The AS8800L requires three (3) 1.5V AA batteries (not included).

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover open or remove it according to the design.
3. Insert three 1.5V AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover securely.



1 Warning

Not suitable for children, please read the product instructions and applicable age range carefully before purchase.

2 Warnung

Nicht für Kinder geeignet, bitte lesen Sie vor dem Kauf die Produkthinweise und die Altersangabe sorgfältig durch.

3 Avertissement

Ne convient pas aux enfants, veuillez lire attentivement les instructions du produit et la tranche d'âge applicable avant d'acheter.

4 Advertencia

No apto para niños, por favor lea cuidadosamente las instrucciones del producto y el rango de edad antes de comprar.

5 Ostrzeżenie

Produkt nie jest odpowiedni dla dzieci, proszę dokładnie przeczytać instrukcje produktu i zakres wiekowy przed zakupem.

6 Waarschuwing

Niet geschikt voor kinderen, lees voor aankoop de productinstructies en de toepasselijke leeftijdsgroep zorgvuldig door.

7 Varning

Inte lämplig för barn, läs bruksanvisningen och lämplig åldersgrupp noggrant innan du köper produkten.

8 Attenzione

Non adatto ai bambini, leggere attentamente le istruzioni del prodotto e la fascia di età applicabile prima dell'acquisto.

9 Uyarı

Çocuklar için uygun değildir, lütfen ürün talimatlarını ve yaş aralığını dikkatlice okuyun satın almadan önce.

Figure 5.1: Rear view of the AS8800L Gas Detector with the battery compartment open, showing where to insert AA batteries.

If the low battery indicator illuminates during operation, replace the batteries immediately to maintain accurate performance.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- To power on the device, slide the ON/OFF switch to the "ON" position. The power indicator light will illuminate.
- Allow approximately 20 seconds for the device to warm up before use.
- To power off the device, slide the ON/OFF switch to the "OFF" position.

6.2 Gas Detection

1. After warm-up, position the flexible stainless steel probe near the area suspected of a gas leak.
2. Slowly move the probe around the area.

3. If a flammable gas is detected, the device will emit an audible alarm, and the leakage degree indicator lights will illuminate, indicating the concentration level. More lights indicate a higher concentration.
4. The response time to detect gas is instantaneous.



Figure 6.1: The AS8800L Gas Detector being used to detect gas, with the flexible probe extended.

6.3 Adjusting Sensitivity

The device features adjustable sensitivity to adapt to different detection requirements and environments.

- Locate the sensitivity adjustment dial on the side of the device.
- Rotate the dial to increase or decrease the sensitivity. Higher sensitivity allows detection of lower gas concentrations.
- Adjust sensitivity as needed to avoid false alarms in areas with trace amounts of gas or to detect very small leaks.



Figure 6.2: Close-up view of the AS8800L Gas Detector, showing the sensitivity adjustment slider on the side.

7. MAINTENANCE

7.1 Cleaning

- Wipe the exterior of the device with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or immerse the device in water.
- Ensure the sensor tip is free from dust and debris for optimal performance.

7.2 Storage

- When not in use for extended periods, remove the batteries to prevent leakage.
- Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Storage environment: 10~60°C, 0~90% RH.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace with new 1.5V AA batteries.
No alarm when gas is present.	Low sensitivity setting; sensor blocked; device malfunction.	Increase sensitivity. Clean sensor tip. If problem persists, contact support.
Constant alarm without gas.	High sensitivity setting; interference.	Decrease sensitivity. Move away from potential sources of interference.
Low battery indicator is on.	Batteries are low.	Replace all three 1.5V AA batteries.

9. SPECIFICATIONS

Parameter	Value
Brand	Eujgoov (SMART SENSOR)
Model	AS8800L
Sensor Type	Semiconductor
Detection Gas	Methane, Propane, Butane, Alcohol, Hydrogen Gas, Acetone, Naphtha, Sulfide, Gasoline, and Volatile Industrial Solvents
Sensitivity	Adjustable, Minimum 50PPM (methane)
Response Time	Instantaneous
Warm-up Time	<20 seconds
Continuous Operation Time	Approximately 9 hours (varies with working conditions)
Low Battery Indication	Yes
Power Supply	3 x 1.5V AA batteries (NOT included)
Product Dimensions	156 x 66 x 31 mm (6.1 x 2.6 x 1.2 inches)
Item Weight	Approx. 221g (7.8 oz)
Operating Environment	0~50°C, 0~80% RH
Storage Environment	10~60°C, 0~90% RH

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the seller's policies or contact the manufacturer directly.

Contact details are typically provided with your purchase documentation or on the product packaging.
You may also visit the [Eujgoov Store on Amazon](#) for additional product information and support resources.

