

1 Description of test set

The **SNOOPER mini test set** consists of a test gas can with test gas and the test gas regulator. The test gas regulator controls the flow of test gas from the test gas can to the **SNOOPER mini**. Test gases are consumables. Replacement test gas cans can be purchased separately. The test gas regulator can be reused.

Detailed information on how to operate the **SNOOPER mini** can be found in the respective operating instructions.

2 Intended use

The **SNOOPER mini test set** quickly checks the indication accuracy of a **SNOOPER mini**, thereby providing simple confirmation of whether or not the device is fit for use. The test set can also be used to make adjustments.

3 Models

The **SNOOPER mini test set** is available with different test gases.

| SNOOPER mini with gas type | Corresponding test set with test gas |
|---------------------------------------|--|
| Methane CH ₄ | 1.0 % vol. CH ₄ |
| Propane C ₃ H ₈ | 1.0 % vol. C ₃ H ₈ |
| Hydrogen H ₂ | 1000 ppm H ₂ |

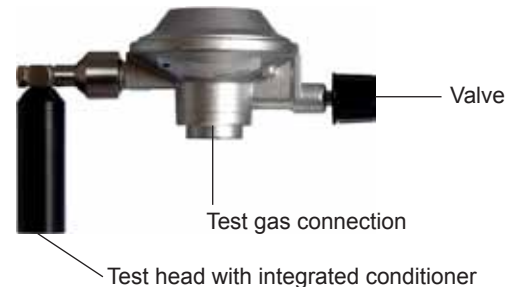
Note:

The test gas must always be the same gas type as the **SNOOPER mini**, otherwise the **SNOOPER mini** will display incorrect values.

4 Safety information

- Never work with gases close to naked flame or fire.
- Ensure that the work environment is well ventilated.
- Use the test set only as intended.
- Do not modify the test gas regulator.
- Please observe all the applicable safety and accident prevention regulations.

5 Structure of test gas regulator



6 Information about the conditioner

The integrated conditioner must be moist for the test. The conditioner primarily absorbs moisture when the test gas regulator is left lying open. The conditioner dries out again during each test, i.e. when the test gas flows. SEWERIN therefore recommends you avoid carrying out too many tests in immediate succession. Do not store the conditioner in sealed containers or close to sources of heat.

7 Testing

1. Screw the test gas regulator onto the test gas can without twisting the test gas regulator as this could damage the thread.
2. Switch on the **SNOOPER mini** to fresh air.
3. Wait until the **SNOOPER mini** has stabilised at zero. SEWERIN recommends waiting at least 2 – 3 minutes.

Reset the zero point if the **SNOOPER mini** does not stabilise at zero.

4. Carefully insert the sensor cap of the **SNOOPER mini** into the test head of the test gas regulator as far as the stop.
5. Add the test gas by opening the valve on the test gas regulator. SEWERIN recommends at least one revolution, but do not unscrew as far as the counter stop.
6. Wait until the measurement stops fluctuating.
7. Compare the measurement displayed with the permitted indication accuracy values (see Section 8).

Values are ...

- within permitted range
- outside permitted range

SNOOPER mini is ...

- > ready for use
- > not ready for use

Readjust the **SNOOPER mini** if the values are outside of the permitted range.

8. Close the valve on the test gas regulator.
9. Pull the **SNOOPER mini** out of the test head.
10. Wait until the **SNOOPER mini** returns to zero. This means that all the residual gases have escaped.
The **SNOOPER mini** is ready for use.
11. Unscrew the test gas regulator from the test gas can. SEWERIN recommends you do this if the test set is not used every day.

8 Indication accuracy limit values

| Test gas | Permitted indication range |
|--|----------------------------|
| 1 % vol. CH ₄ | 0.8 – 1.4 % vol. |
| 1 % vol. C ₃ H ₈ | 0.8 – 1.4 % vol. |
| 1000 ppm H ₂ | 800 – 1400 ppm |

9 Technical data

| | |
|----------------------------|------------------|
| Gas flow: | 30 – 40 l/h |
| Dimensions (W × H × D): | 138 × 79 × 66 mm |
| Weight: | 249 g |