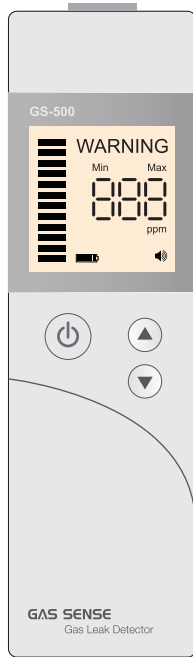


USER MANUAL



GENERAL INFORMATION

Portable gas detector GS-500 is a practical gas leak detector for detection and measurement of carbon monoxide.

FEATURES

- LCD display;
- Indication of gas concentration
- Possibility of calibration;
- Sound signalization;
- Preadjusted alarm level;

SAFETY INFORMATION

- Operate the instrument only within the parameters specified in the technical data;
- Do not use GS-500.CO as monitoring instrument for your own personal safety;
- Avoid electrical hazard - do not measure on or near live parts;
- Do not use force;
- Do not paint the instrument;
- Never store instrument together with solvents;
- Disposal of defective rechargeable batteries and spent batteries at the collection points provided.

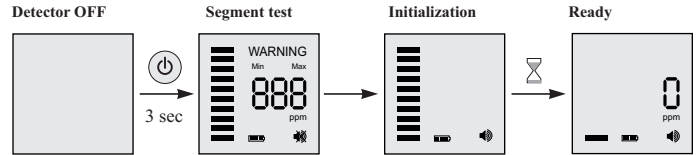
TECHNICAL DATA

Feature	Values
Detected gases	Carbon monoxide
Measuring range	0 - 999 ppm
Initial preparation	20 sec
Power supply	2 batteries, type AA
Battery life	> 20h
Signalization	Audible, LCD display
Alarm level	Adjustable
Working temperature	-20 to +50°C
Relative humidity	30 - 90% RH
Sizes	160x45x20mm
Weight	0,176kg (without batteries)
Colour	White (RAL 9003)
EU Directive	89/336/EEC

OPERATION

Switch-ON

Switch detector ON and wait for sensor self test and initialization. To switch ON press and hold at least 3 sec.

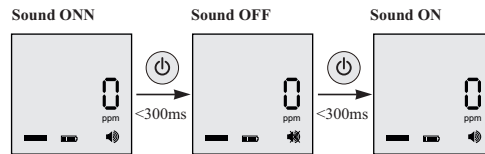


Measuring CO

- Position the detector such that the sensor opening is into the ambient air in the tested area. Do not cover the surface of the sensor
- The device displayed the measured gas concentration in ppm.
- If the alarm level is exceeded, alarm symbol **WARNING** lights up.

Switching sound ON/OFF

Normally sound is ON. To switch sound OFF/OFF short press



MAINTENANCE AND SERVICE

Setting alarm level:

- Press and hold the buttons for more than 5 seconds.
- The display shows the number. This is the concentration of the standard gas, that is to calibrate the instrument. If you have a gas with different concentration change the value of the number so that it corresponds to the desired concentration. This is done by the buttons
- The display shows **Clb**
- Press
- The display shows **SET** to 1 sec.
- Submit-standard gas and press
- The display shows **SET** to 1 sec.
- To save the settings, press

Changing the battery:

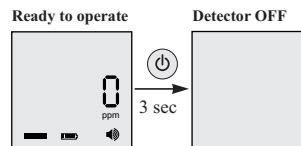
1. Open battery section
2. Remove spent batteries and replace with new. Observe polarity.
3. Close battery section.

Cleaning gas detector

The gas detector housing must be cleaned with a damp cloth. Do not use organic solvents or abrasive cleaning agents.

Switch-OFF

To switch OFF press and hold for at least 3 seconds.



Problem	Possible causes	Remedy
Detector can not be switched ON.	Batteries are spent.	Replace batteries.
lights up in display.	Battery life expiring.	Replace batteries.
SOS sounds.	Sensor fault.	Contact customer service.