

New

# Gas leak detector with flexible probe

testo 513



ppm

Vol. %

%LEL

- **High sensitivity**  
Sensitivity of 3 g/a enables detection of the smallest leaks
- **Fast**  
Leak detection with response time < 2 sec
- **Convenient**  
Leak detection via flexible and robust gooseneck
- **Easy & reliable**  
Selectable display modes (numeric & bar graph) for clear leak detection
- **Zeroing**  
Automatic zero mode for fast pinpoint localization Manual zeroing option for individual adjustment

The testo 513 is an easy-to-use and reliable gas leak detector designed for the detection of flammable gases such as methane, propane, butane and hydrogen on residential and industrial gas boilers and similar systems.

The leak detector is designed for everyday use, combining extremely fast response and recovery times within seconds.

Thanks to the adjustable display modes and automatic zeroing function, leaks can be precisely localized using pinpoint mode.

The sensor can be replaced by the user, minimizing downtime and reducing operating costs.

# Technical data

## testo 513

|                            |                                                                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Detection parameters       | ppm, Vol. %, %LEL                                                                                                                                                                                                            |
| Gases                      | methane, propane, butane, hydrogen (forming gas)                                                                                                                                                                             |
| Detection range            | methane: 1 ppm ... 1,0 Vol. % CH <sub>4</sub><br>propane: 1 ppm ... 1,0 Vol. % C <sub>3</sub> H <sub>8</sub><br>butane: 1 ppm ... 1,0 Vol. % C <sub>4</sub> H <sub>10</sub><br>hydrogen: 1 ppm ... 1,0 Vol. % H <sub>2</sub> |
| Resolution                 | 1 ppm<br>0.1 Vol. % (> 999 ppm)                                                                                                                                                                                              |
| Response and recovery time | < 2 sec                                                                                                                                                                                                                      |
| Leak alarm                 | Optical, audible alarm                                                                                                                                                                                                       |
| Sensitivity                | 3 g/a – High<br>14 g/a – Low                                                                                                                                                                                                 |
| Sensor life                | 2 years under normal usage                                                                                                                                                                                                   |

### General technical data

|                          |                                     |
|--------------------------|-------------------------------------|
| Operating temperature    | 14 ... 122 °F                       |
| Operating humidity       | 0 ... 80 %rH                        |
| Storage temperature      | - 4 ... 140 °F                      |
| Battery type             | 3x AA alkaline                      |
| Battery life             | 10 h                                |
| Dimensions               | 5.31 x 2.36 x 1.10in<br>(L x W x H) |
| Weight                   | 13.0 oz                             |
| Probe length with sensor | 13 in                               |



# Device models & accessories

## Device models

### testo 513 – Gas



- Gas sensor
- Bag
- Batteries
- Protection Cap

Order number  
0563 0513 01

## Accessories

### Gas sensor



Order number  
0554 3515