

Test gases

for all instruments with calibration fitting



- Gas bottles in different sizes
- Wide selection of test gases

Worldwide Supplier Of Gas Detection Solutions



Test gas bottles

The test gas bottles for portable and fixed gas monitoring instruments are, depending on gas, available in different sizes. The bottles of series **2AL** and **8AL** are aluminium one way bottles, bottles of the series **6D** are coated steel one-way bottles.

For taking gas from the bottle a fitting with a pre-adjusted flow of 0.5l/min is needed. A taylor-made case is available for two test gas bottles of type **2AL**, **8AL** and **6D** including the fitting. Gas detection instruments have to be bump tested

with test gas before every shift (according to BG directive T023 and DVGW G465-4) in addition to the regular maintenance.

For bump-tests following test gas sets are available:			
Test gas bottle	6D	2AL	8AL
Size	1.5 liter	1.0 liter	1.7 liter
Filling volume	103 liter	34 liter	58 liter
Working pressure	69 bar	34.5 bar	34.5 bar
Weight	1400 g	440 g	750 g
Durability	18 months	6 months	6 months



Test gas bottle 6D*	
Gas	Concentration
Methane CH ₄	2.5 % in air (57% LEL)
Propane C ₃ H ₈	0.75 Vol.-% in air (44% LEL)
Propane C ₃ H ₈	1.1 Vol.-% (65% LEL)
Hydrogen H ₂	2 Vol.-% in air (50% LEL)
Carbon monoxide CO	200 ppm in air
Carbon dioxide CO ₂	3 Vol.-% in air
Nitrogen N ₂	100 Vol.-%
*further gases on request	

Test gas bottle 8AL *	
Gas	Concentration
Hydrogen sulphide H ₂ S	50 ppm in air
*further gases on request	

Multigas mixture	Filling volume	Size
40 ppm H ₂ S	34 l resp. 58 l	1,0 l resp. 1,7 l
2 % Vol. CO ₂		
15 % Vol. O ₂		
2.5 % Vol. CH ₄ (57% LEL) in N ₂		

Test gases in 1 liter pressure capsule, rest in synthetic air	
Gas	Concentration
Nitrogen N ₂	100 % Vol.
Methane CH ₄	0.88 % Vol. (20% LEL), 1.76 % Vol. (40% LEL), 2.2 % Vol. (50% LEL)
Propane C ₃ H ₈	0.85 % Vol. (50% UEG)
Hydrogen H ₂	2 % Vol.
Carbon monoxide CO	30 ppm, 300 ppm, 1000 ppm
Carbon dioxide CO ₂	0.5 % Vol., 5 % Vol., 10 % Vol.
Ammonia NH ₃	500 ppm



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