

Calibration Gas FAQ

We have put this info together to assist you in finding the correct calibration gas.

Cylinder Size:

- There are 4 sizes available – 17 Liter (7E), 34 Liter (2A, 7HP), 58 Liter (8A) and 103 Liter (6D).
 - Please note that the 7HP 34 liter and the 7E 17 liter cylinders use the uncommon CGA connection.
- H₂S (Hydrogen Sulfide) and all other reactive gases are only available in 34 Liter and 58 Liter sizes.
- 34 Liter and 58 Liter cylinders are the only size cylinders that come in 4-Gas Mixtures.
- The 4-Gas Mixtures are what are typically used to calibrate gas monitors used in confined space entry.
- There is no “right” or “wrong” size; it’s just a matter of personal preference.
 - If you calibrate multiple times a month, you will need more gas.

Gas Concentration:

There are only 2 ways to be certain you are getting the correct gas.

- (1) Check the manual of the instrument you are calibrating and look for the gas and concentrations needed and match them to those on our website.
- (2) If you already have a cylinder, look on the label (example below) and match the gases and concentrations with those listed on our website.

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GAS COMPOSITION

COMPONENTS	CONCENTRATION	(MOLE %)
HYDROGEN SULFIDE	25 PPM	H ₂ S
CARBON MONOXIDE	50 PPM	CO
PROPANE (Equivalent)	50% LEL	
OXYGEN	18.0%	O ₂
NITROGEN	BALANCE	N ₂

Minor component(s) is certified to be plus or minus 5 %

8AL CONTENTS : 2.0 Cu.ft, 58 Liters @ 70° F and 500 psig.

WARNING: This product is for use in the calibration of monitoring and research instrumentation. READ carefully precautions on side. Manufacturing Date: DEC 07

Also Read MSDS No. 50018

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Still Need Help:

- Please call us at 800-446-8274.
- We are here to help you any way we can.