

CALIBRATION GAS CROSS REFERENCE CHART



All Industrial Scientific calibration cylinders are manufactured to the highest quality standards and include NIST traceable blend techniques, analytical leak testing of every cylinder, certified component concentrations and clearly marked lot numbers and expiration dates.

Industrial Scientific Calibration Kits come equipped with everything necessary to keep your gas monitoring instruments operating accurately and reliably. Kits contain certified NIST-traceable (National Institute of Standards & Technology) span gases for safe, reliable instrument calibration. Complete kits are available for all installed sensors and include:

- Convenient Carrying Case
- Non-refillable Cylinders
- Flow Regulator

Calibration gas cylinders and kits are available in a variety of sizes and concentrations, including convenient multi-gas blends or single gas cylinders. Use the following chart to order complete kits or replacement cylinders. When ordering cylinders, the shaded areas indicate compatible regulators, while the • identifies which regulator is included in the associated kit. See "Notes" for supplementary information.



PART #	DESCRIPTION	0.5LPM Regulator		Demand Flow Regulator		Demand Flow Regulator w/ iGas Pressure Switch		VOL.	NOTES
		18100883	18100933	18102509	18103564	18105841	18105866		
18109191	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 25% LEL Pentane							34L	aluminum
18103937	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 25% LEL Pentane							34L	aluminum
18109155	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 25% LEL Pentane							58L	
18102187	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 25% LEL Pentane							58L	
18102189	KIT	•							
18103432	KIT			•					
18109157	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 25% LEL Pentane							116L	
18109077	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 25% LEL Pentane							116L	
18109137	KIT	•							
18109139	KIT			•					
18109181	CYL, 200 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 25% LEL Pentane							58L	
18102343	CYL, 200 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 25% LEL Pentane							58L	
18109164	CYL, 100 ppm CO, 10 ppm H ₂ S, 18% O ₂ , 2.5% Methane							116L	
18109156	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 2.5% Methane							58L	
18102242	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 2.5% Methane							58L	
18102275	KIT	•							
18109158	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 2.5% Methane							116L	
18109080	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 2.5% Methane							116L	
18109138	KIT	•							
18105262	CYL, 50 ppm CO, 25 ppm H ₂ S, 20.9% O ₂ , 50% LEL Methane							58L	
18109101	CYL, 50 ppm CO, 25 ppm H ₂ S, 20.9% O ₂ , 50% LEL Methane							116L	
18109183	CYL, 250 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 50% LEL Methane							58L	
18108035	CYL, 250 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 50% LEL Methane							58 L	
18105825	CYL, 200 ppm CO, 75 ppm H ₂ S, 15% O ₂ , 25% LEL Methane							11L	aerosol
18109192	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 50% LEL Methane							34L	aluminum
18105536	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 50% LEL Methane							34L	aluminum
18105635	CYL, 100 ppm CO, 50 ppm H ₂ S, 16% O ₂ , 50% LEL Methane	18103580						34L	Bump Gas - 2 yr.
18109185	CYL, 100 ppm CO, 25 ppm H ₂ S, CO ₂ , 18% O ₂ , 40% LEL Methane							58L	
18109177	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 50% LEL Propane							58L	
18109188	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 50% LEL Propane							116L	
18106179	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 50% LEL Propane							58L	
18109180	CYL, 25 ppm H ₂ S, 18% O ₂ , 25% LEL Pentane							58L	
18109180	CYL, 25 ppm H ₂ S, 18% O ₂ , 25% LEL Pentane							58L	w/CGA 330 fitting
18102186	CYL, 25 ppm H ₂ S, 19% O ₂ , 25% LEL Pentane							58L	
18102188	KIT	•							
18109083	CYL, 25 ppm H ₂ S, 19% O ₂ , 25% LEL Pentane							116L	
18102241	CYL, 25 ppm H ₂ S, 19% O ₂ , 2.5% Methane							58L	
18102274	KIT	•							

NOTE: Calibration gas cylinder expiration times vary due to gas type. Please contact Industrial Scientific for detailed information.

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PART NO.	DESCRIPTION	0.5LPM	0.5LPM	Demand Flow Regulator		Demand Flow Regulator w/Gas Pressure Switch		VOL.	NOTES
		Regulator 18100883	Regulator 18100933	18102509	18103564	18105841	18105866		
18105452	CYL, 25 ppm Nitrogen Dioxide							34L	aluminum
18101477	CYL, 25 ppm Nitrogen Dioxide							58L	
18101469	KIT	*							
18102153	CYL, 25 ppm Nitric Oxide							58L	
18102150	KIT	*							
18109189	CYL, 18% Oxygen							34L	w/CGA 600 fitting
18100289	CYL, 19% Oxygen							34L	w/CGA 600 fitting
18100271	CYL, 20.9% Oxygen							34L	w/CGA 600 fitting
18102234	CYL, 12% LEL Pentane							103L	
18101162	CYL, 25% LEL Pentane							34L	w/CGA 600 fitting
18101261	KIT	*							2 cylinders
18104398	CYL, 1.0 ppm Phosphine							34L	aluminum
18104059	CYL, 1.0 ppm Phosphine							58L	
18107797	Cyl., 5 PPM Phosphine							58L	
18107805	Cyl., 5 PPM Phosphine							34L	
18100164	CYL, 25% LEL Propane							34L	w/CGA 600 fitting
18103762	CYL, 25% LEL Propane							103L	
18100172	CYL, 50% LEL Propane							34L	w/CGA 600 fitting
18104992	CYL, 5 ppm Sulfur Dioxide							34L	aluminum
18102222	CYL, 5 ppm Sulfur Dioxide							58L	
18102239	KIT	*							
18101220	CYL, 10 ppm Sulfur Dioxide							58L	
18101212	KIT	*						58L	
18105726	CYL, 100 ppm Toluene							34L	w/CGA 600 fitting
18100693	CYL, Zero Grade Air (20.9% Oxygen)							34L	w/CGA 600 fitting
18101584	CYL, Zero Grade Air (20.9% Oxygen)							103L	

PART NO.	DESCRIPTION	0.5LPM	0.5LPM	Demand Flow Regulator		Demand Flow Regulator w/Gas Pressure Switch			VOL.	NOTES
		Regulator 18102260	Regulator 18103374	18103549	18103556	18105833	18105858	18106740		
18109193	CYL, 250 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 50% LEL Methane								650L	w/CGA 330 fitting
18108019	CYL, 250 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 50% LEL Methane								650L	w/CGA 330 fitting
18109159	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 25% LEL Pentane								650L	w/CGA 330 fitting
18103366	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 25% LEL Pentane								650L	w/CGA 330 fitting
18108050	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 2% Methane								650L	w/CGA 330 fitting
18109160	CYL, 100 ppm CO, 25 ppm H ₂ S, 18% O ₂ , 2.5% Methane								650L	w/CGA 330 fitting
18104091	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 2.5% Methane								650L	w/CGA 330 fitting
18107219	CYL, 100 ppm CO, 25 ppm H ₂ S, 19% O ₂ , 25% LEL Propane								650L	w/CGA 330 fitting
18107227	CYL, 25 ppm H ₂ S, 19% O ₂ , 25% LEL Pentane								650L	w/CGA 330 fitting
18109161	CYL, 100 ppm CO, 18% O ₂ , 25% LEL Pentane								552L	w/CGA 590 fitting
18102258	CYL, 100 ppm CO, 19% O ₂ , 25% LEL Pentane								552L	w/CGA 590 fitting
18109187	CYL, 100 ppm CO, 18% O ₂ , 2.5% Methane								552L	w/CGA 590 fitting
18102259	CYL, 100 ppm CO, 19% O ₂ , 2.5% Methane								552L	w/CGA 590 fitting
18104265	CYL, 250 ppm CO, 19% O ₂ , 2.5% Methane								552L	w/CGA 590 fitting
18109186	CYL, 100 ppm CO, 2.5% CO ₂ , 18% O ₂ , 25% LEL Pentane								552L	w/CGA 590 fitting
18103671	CYL, 100 ppm CO, 2.5% CO ₂ , 19% O ₂ , 25% LEL Pentane								552L	w/CGA 590 fitting
18106963	CYL, 10 ppm Hydrogen Chloride								650L	w/CGA 330 fitting
18106633	CYL, 25 ppm Hydrogen Sulfide								650L	w/CGA 330 fitting
18103101	CYL, 100 ppm Carbon Monoxide								552L	w/CGA 590 fitting
18104125	CYL, 250 ppm Carbon Monoxide								552L	w/CGA 590 fitting
18106955	CYL, 10 ppm Chlorine								650L	w/CGA 330 fitting
18102320	CYL, Zero Grade Air (20.9% Oxygen)								552L	w/CGA 590 fitting
18107375	CYL, 100 ppm Isobutylene								552L	w/CGA 590 fitting
18106658	CYL, 25 ppm Ammonia								650L	w/CGA 660 fitting
18107722	CYL, 25 ppm Nitric Oxide								650L	w/CGA 660 fitting
18107730	CYL, 25 ppm Nitrogen Dioxide								650L	w/CGA 660 fitting
18105817	CYL, 10 ppm Sulfur Dioxide								650L	w/CGA 660 fitting
18109172	CYL, 100 ppm CO, 5 ppm NO ₂ , 18% O ₂ , 2.5% Methane								650L	w/CGA 660 fitting
18108308	CYL, 100 ppm CO, 5 ppm NO ₂ , 19% O ₂ , 2.5% Methane								650L	w/CGA 660 fitting