

Industrial Hygiene Calibration Gas Solutions

Praxair's Refillable Transportable (RT) Cylinder Program for Industrial Hygiene and Environmental Calibration Gas Applications

Praxair offers industry professionals a wide range of cylinders, regulators, and industrial hygiene and calibration gas mixtures. We focus on cylinders that provide high capacity in small packages, lighter weight, high strength materials and ease of use. Praxair's goal is to improve our customers' productivity, extend gas mixture shelf life and assist our customers in reducing transportable cylinder disposal costs.

Safety, quality and innovation are key to Praxair's transportable product offering. Our plants are ISO 9001:2008 certified and accredited to produce ISO 17025 and Guide 34 standards. Praxair's aluminum cylinders are DOT, Pi stamped, and ISO compliant, and go through rigorous quality control processes. Our cylinder technology enables maximum shelf life and mixture stability. This, along with our ISO production process, validates cylinder quality and gas mixture accuracy to provide industry-leading quality. Each of our transportable cylinders possesses a unique serial number and ships with a Certificate of Analysis (CoA) demonstrating its traceability according to NIST standards.



Praxair's line of RT cylinders is available in four convenient sizes.

An innovative and sustainable cylinder. Our return process is easy, safe and proven.

Aluminum RT cylinders can be more compact than standard transportable cylinders and can be returned without difficulty by using our exclusive *Strip & Ship*™ Program. This is essential for end users who desire a returnable cylinder program and who want to reduce potential safety hazards associated with disposing of transportable cylinders.

How does *Strip & Ship* work?

Your cylinder is packed in a clear plastic tube within a cardboard box. Once you have received the cylinder, remove it from the packaging and save the plastic tube. When the empty cylinder is ready for return, ensure that all gas has been purged in a safe and well-ventilated area, strip off the content label, and place the cylinder in the tube for return shipping. Follow the three easy *Strip & Ship* steps below:



STEP 1:

Make sure gauge reads zero.



STEP 2:

Strip off content label to reveal prepaid return label beneath it.



STEP 3:

Place in tube for return shipping.



Praxair's Refillable Transportable (RT) Cylinders

FEATURES	BENEFITS
Compact cylinder	<ul style="list-style-type: none"> Improves portability
Strip & Ship return process	<ul style="list-style-type: none"> Eliminates steps associated with standard cylinder disposal No return shipping or disposal fees
Refillable technology	<ul style="list-style-type: none"> Eliminates one-time cylinder use and disposal
Cylinder treatment process	<ul style="list-style-type: none"> Extended shelf life

Common Industrial Hygiene Gases:

Hydrogen Sulfide, Quad Gas Mixtures (Reactive and Non-Reactive LEL), Ammonia, Chlorine, Nitrogen Dioxide, Hydrogen Cyanide, Hydrogen Chloride, Isobutylene, Methane, Pentane

Praxair's ProSpec™ Transportable Cylinder Regulators

Type	100 Series	400 Series	500 Series	6000 Series – Multiflow
Cylinders	34, 58, 100, 116 liters	17, 34 liters, disposable	34, 58, 100, 103, 116 liters	34, 58, 100, 103, 116 liters
Valve Inlet	C-10	CGA 600	C-10	C-10
Flow Rate	Preset: 0.5, 0.75, 1.0 slpm	Preset: 0.25, 0.3, 0.5, 1.0, 1.5 slpm	Preset: 0.25, 0.3, 0.5, 1.0, 1.5, 2.5, 6 slpm	0.25, 0.3, 0.5, 1.0, 1.5, 2.5, 3.0, 5.0, 6.0, 7.0, 8.0 slpm
Material	Stainless Steel	Chrome-plated Brass	Chrome-plated Brass	Aluminum
Gauge PSIG	1000	700	1200	1000-3000

100 Series

Single-stage stainless steel preset flow regulator with finer graduation for precise level readings.



400 Series

Single-stage preset flow regulator for cylinders CGA 600 equipped containing non-corrosive gases.



500 Series

Single-stage preset flow regulator designed for non-reactive gases and gas mixtures with low level concentrations of reactive components (less than 100 ppm).



6000 Series

Single-stage aluminum multiflow regulator that provides several non-preset gas flow settings for reactive and non-reactive gases and gas mixtures.



Making our planet more productive.

For more than 100 years, Praxair has been dedicated to safety and customer satisfaction, and we provide products, technologies and services that represent the highest standards of quality and reliability. Praxair is the largest industrial, medical and specialty gas company in North and South America and the ideal choice for many facility managers, engineers, scientists and procurement professionals.

Choose Praxair for all your calibration gas and regulator needs.



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