



Go Green With *Portagas*™

Portable Calibration Gases and Regulators

- Calibration gases
- Regulators
- *Strip & Ship*™ Return program

Portagas Portagreen™ calibration gas cylinders provide exceptional quality and convenience.

Portagas Advantages:

- ISO 9001:2015 certified, ISO 17025:2017 and ISO 17034:2016 accredited
- ISO 7866 globally approved cylinders
- Patented *Strip & Ship* easy return process (U.S. Patents RE 45,572 and No. 8,162,587)
- Global distribution network

Portable, High-Quality Calibration Standards

Portagas manufacturing facilities are ISO 9001:2015 certified as well as ISO 17025:2017 and ISO 17034:2016 accredited. We package high-quality calibration standard gases in rugged, portable cylinders designed to go anywhere your calibration process requires.

Our calibration gases have an extremely low return rate and our proprietary fill technologies support a long shelf life. Each cylinder carries a unique serial number and is issued a Certification of Analysis demonstrating traceability to N.I.S.T.



Portagas' Portagreen™ Cylinders — Available Practically Everywhere

Portagreen cylinders are Portagas' line of recyclable and sustainable gas cylinders. Our standard cylinders are available in five sizes and our MegaCal™ Portagreen cylinders in three sizes. Our Portagreen cylinders are more compact than standard cylinders and provide the capacity you need in more portable sizes.









These ISO 7866 globally approved cylinders are available practically anywhere and when combined with our patented *Strip & Ship* return program, you can use Portagas' high-quality calibration gases without the concerns of waste disposal.

FEATURES

Easy-to-handle and light-weight

More compact than standard cylinders

Available in many convenient capacities and portable sizes

	Standard					MegaCal		
Cylinder Options								
Gas Contents	34L	58L	100L	116L	650L	7L	60L	300L
Weight	1.0 lb	1.4 lb	2.4 lb	3.7 lb	14.8 lb	0.5 lb	1.0 lb	4.6 lb
Connection	C-10 5/8"	C-10 5/8"	C-10 5/8"	C-10 5/8"	CGA-XXX	C-10 5/8"	C-10 5/8"	C-10 5/8"
Dimensions	2.5" x 10"	3" x 11.3"	3.5" x 12.5"	3.5" x 12.5"	6.9" x 15.6"	2" x 4.5"	2.5" x 9.5"	4.5" x 12.5"
Construction Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Compliance	ISO7866	ISO7866	ISO7866	ISO7866	ISO7866	ISO7866	ISO7866	ISO7866
Pressure	1,000 psi	1,000 psi	1,000 psi	1,000 psi	1,650 psi	1,000 psi	500 psi	500 psi

Strip & Ship™ by Portagas

Save it all – time spent with on-site cylinder remediation and the costs of hazardous waste disposal. *Portagas'* patented *Strip & Ship* cylinder return program (U.S. Patents RE 45,572 and No. 8,162,587) utilizes our *Portageen* recyclable cylinders in an easy return process – no piles of empty cylinders, no on-site cylinder remediation by your employees – no waste disposal costs. The *Strip & Ship* program is fully functional in the United States, Canada and Australia.

STRIP & SHIP

STEP 1:

Make sure gauge reads zero.



STEP 2:

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



STEP 3:

Arrange for FedEx pick up or deliver to a FedEx location.



MegaCal™ Cylinders — Smaller Footprint Meets High Capacity

Portagas MegaCal calibration gas cylinders offer exceptional quality and convenience. The *MegaCal* cylinders are smaller in size than the equivalent competitive product, providing high capacity with a smaller footprint.

MegaBump™	300 bumps in the palm of your hand No dangerous goods shipment required*
MegaCal 60L	One-third the size of 58L standard package
MegaCal 300L	Holds five times the capacity of the 58L standard package

*Limited quantity relief from H.M.R., shipping ground, within the continental United States and Canada.





by Praxair

Portagas Cylinder Regulators



100 Series Regulator

Maintains a constant flow rate to help ensure accurate monitor calibrations even as cylinder pressure drops.



Demand Flow Regulator (DFR)

Provides the correct gas flow to instruments that have internal pumps. Typical activation suction is from 0" to 3" of water column. The DFR can be configured for inlet pressures ranging from 250 psig up to 3000 psig and is available with an aluminum body for non-reactives and a stainless steel body for reactive gas services.



Preset Fixed Flow Regulator

Provides a preset, fixed flow to instruments for calibration. The inlet pressure is configurable from 250 psig to 3000 psig. The gas outlet is configurable from 0.25 slpm to 6 slpm. These regulators are available with a brass nickel-plated body for non-reactive gases and a stainless steel body for reactive gas service. Included is an easy-to-read pressure gauge and easy on/off control valve.

Simplify Cylinder Management with the Portagas App

With Portagas' mobile app, get immediate access to electronic COA and SDS, real-time cylinder management capabilities and Strip & Ship™ return support. The app is available via the Google Play and Apple stores, as well as online for desktop access.

Features:

- Quickly retrieve and email eCOAs and SDSs.
- Scan and store cylinder information, blend expiration dates and blend specifications on your phone.
- Set alerts to monitor and anticipate the expiration of your gas blend to ensure process quality.
- Create, store and email your cylinder reorder list.

Simplified calibration gas cylinder management with Portagas.



800-548-2266



sales@portagas.com



www.portagas.com