

Elevate Your Gas Calibration Productivity

Praxair's High-Capacity Returnable (HCRT) cylinders offer high-capacity calibration gas solutions in a convenient size.

Praxair's HCRT 300L and HCRT 60L transportable cylinders offer industrial hygienist professionals and technicians a calibration gas delivery solution that increases productivity and reduces inventory costs. These lightweight, high-capacity, transportable cylinders are plug-and-play capable with your gas detector instruments and easy for you to carry.

HCRT – The Sustainable Choice

The use of Praxair's transportable cylinders assists in reducing your carbon footprint because our sustainable cylinders stay out of landfills, unlike standard transportable disposable cylinders. In addition, our line of aluminum reusable cylinders, with no return costs, **saves you money** by eliminating disposal fees.

Praxair's Certifications

Our manufacturing facility is ISO 9001:2008 certified and ISO 17025 and Guide 34 accredited. This facility follows the most accurate gravimetric blending methods, which are traceable to the National Institute of Standards and Technology (NIST). Each cylinder comes with its own Certificate of Analysis.

Industries Served:

- Chemical processing
- Crude oil refining
- Gas processing
- Grain processing / storage
- Mining / metal processing
- Pulp / paper
- Semiconductor
- Utilities / power plants
- Environmental monitoring
- Furniture manufacturing



Praxair's Strip & Ship™ Program

Praxair's patented (U.S. Patents Re 45,572 and No. 8,162,587) Strip & Ship program allows the technician to return the reusable aluminum transportable cylinder to Praxair via prepaid Federal Express label. After it is returned, the cylinder will undergo a proprietary reconditioning process to ensure quality and shelf life stability for future reuse.

How does Strip & Ship work? 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 arrange with FedEx for pick up or deliver to a FedEx location for return shipping. Follow the easy Strip & Ship steps below:

STEP 1:

Make sure gauge reads zero.



STRIP & SHIP

STEP 2:

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



STEP 3:

Provide pre-labeled cylinder to carrier for easy return





Praxair's HCRT 300L

FEATURES	BENEFITS
High gas capacity	Improves productivity and lowers inventory costs
Reusable and returnable	Eliminates one-time use of the cylinder
Lightweight compared to a 650L	Improves ergonomics
Carry handle	Ease of use
Preset constant flow and demand flow regulators	Plug-and-play capable with existing equipment



Praxair's HCRT 60L

FEATURES	BENEFITS
High capacity and compact	More gas in a small convenient cylinder
Reusable and returnable	Eliminates one-time use of the cylinder
Preset constant flow and demand flow regulators	Plug-and-play capable with existing equipment



Technical Specifications

	HCRT 300L	HCRT 60L
Gas capacity (Nitrogen)	300 gas liters	60 gas liters
Package weight	6.73 lbs	1 lb
Dimensions	4.5 x 18.5 inches	2.5 x 9.5 inches
Cylinder material	Aluminum	Aluminum
Outlet connection	5/8-inch - 18 UNF C-10	5/8-inch - 18 UNF C-10
Maximum fill pressure	1800 psig	1800 psig

Flow Regulators For Use With HCRT Cylinders

When the regulator is first installed, the gauge will remain in a passive mode reading 500 psig. Once the gas content drops slightly below 500 psig, the gauge becomes active and indicates the actual gas content. Praxair recommends reordering a new cylinder when gas is at or just below 400 psig. A Praxair Territory Manager can provide further support on how to operate your cylinder, how to order regulators, and how to use our *Strip & Ship* cylinder return program.



100 Series Flow Regulator

Designed to maintain constant flow rates so you get accurate monitor calibrations even as the cylinder pressure drops.



Preset Flow Regulator

Designed as an economical means to provide the correct gas flow to instruments for calibration and is preset to flow 0.5 lpm.

Choose Praxair for all your calibration gas and regulator needs.



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