

 **PRAXAIR**  
*Making our planet more productive*



**StarGen™**  
99.999+% pure O<sub>2</sub>  
on demand



# StarGen™

Ultra-High Purity Oxygen Generator

## What is it?

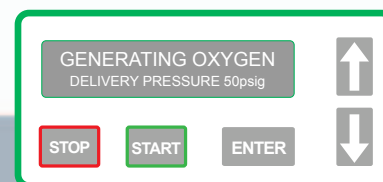
Proprietary solid-state oxygen separation and compression technology by Praxair a revolutionary development that will change your lab!

"The StarGen oxygen generator supplies UHP oxygen for the LECO Organic Combustion Elemental Analyzers. We see this new technology as an ideal fit ... providing a consistent source of UHP oxygen, enabling full utilization of all oxygen while eliminating the requirement of high-pressure cylinders, and the downtime and safety concerns associated with their change-outs and handling."

— Organics Product Manager, LECO.



## Easy-to-operate LCD Interface



## Product features

- Easy-to-use control panel
- Plugs into a 120V outlet
- Small footprint
- Quiet operation
- Robust design

## Applications include:

- Point-of-use or laboratory supply
- Combustion analyzers – food, soil, oil, plastics, metals, coal ...
- Calorimeters, TGAs, ASTM oxidation procedures, catalyst lab testing

## Product benefits

- Ultra-high purity oxygen / no batch-to-batch variation
- Continuous supply / minimizes run-outs and analyzer downtime
- Requires no adjustments after initial setup
- Greatly reduces cylinder handling and inventory management
- Eliminates cylinder residual losses
- Competitive pricing

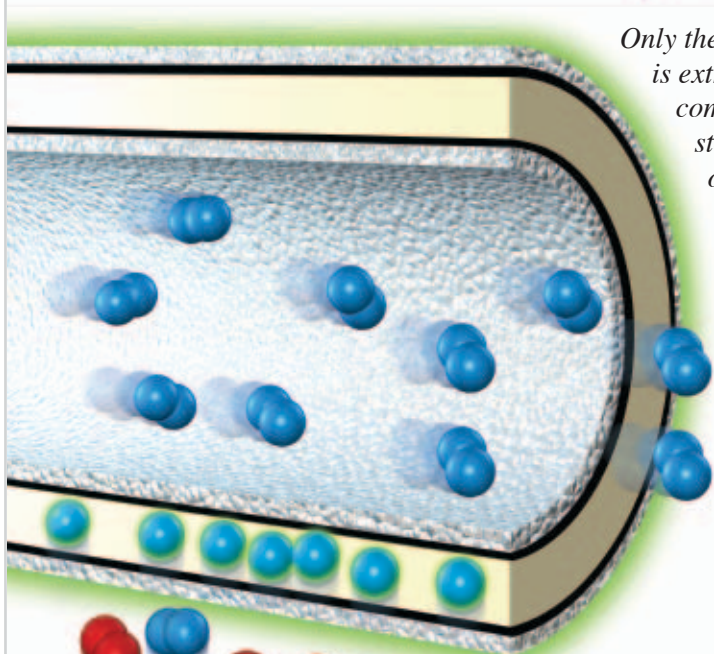
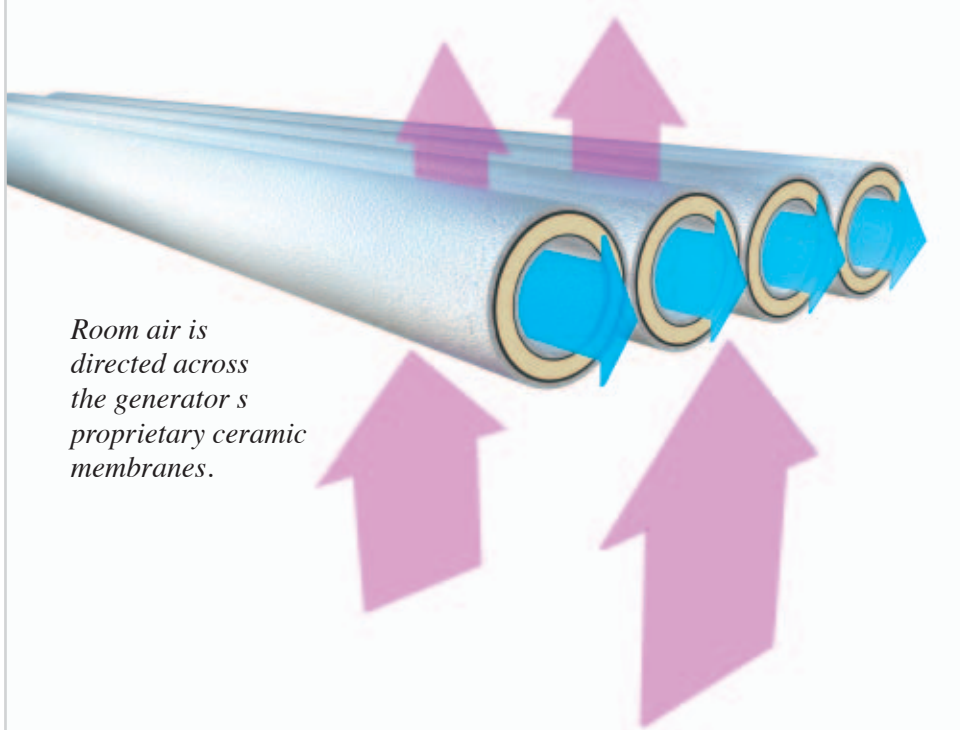


## What does it do?

It improves quality and increases productivity by providing laboratories with a safe, consistent and reliable supply of ultra-high purity oxygen.

## How does it work?

Oxygen ions are pumped through a patented ceramic membrane to produce high-pressure oxygen gas that is 99.999+% pure.



## UHP oxygen any time you need it.

The generator senses when oxygen has been used, and automatically refills the storage receiver.

## It's maintenance-free ... just plug it in and walk away.

Praxair eliminates gas management, letting you focus on your job. Once you set it up, you'll only periodically change a filter or check the monitor. Imagine no longer dealing with O<sub>2</sub> cylinders.

## Why you should install the StarGen now.

99.999+% pure oxygen on demand 24/7 without the hassles of cylinder change-outs and inventory maintenance. Imagine the impact it can have on your lab!

For more information, call:  
**1-877-PRAXAIR**

## What customers are saying ...

“We haven’t had to use an oxygen cylinder for over a year.”

— Quality Assurance Manager, Electronics Industry.

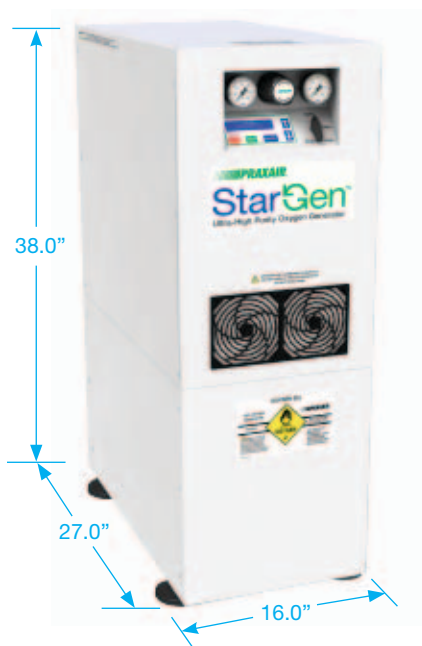
“The oxygen generator is easy to use, safe and reliable.”

— Lab Manager, Food Industry.

“Our sulfur analyzer hasn’t broken down since switching to the generator – breakdowns used to be frequent.

In a word, ‘seamless.’”

— Sr. Refinery Chemist, Oil & Gas Industry.



### Specifications

|                     |                                              |
|---------------------|----------------------------------------------|
| Purity              | 99.999+ %                                    |
| Generation Rate     | 2 L/min (NTP)                                |
| Equivalent Capacity | Up to 10 T-cylinders/month                   |
| Supply Pressure     | 0 to 100 psig                                |
| Storage Capacity    | Up to 28 ft <sup>3</sup> (800 L) at 125 psig |
| Utility Requirement | 120 VAC, 20A dedicated circuit               |
| Power Consumption   | 1.6 kW                                       |
| Environment         | Indoor Use                                   |
| Weight              | 300 lbs                                      |
| Height              | 38 inches                                    |
| Footprint           | 16 inches W x 27 inches D                    |
| Compliance          | UL/cUL listed                                |



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Visit our website:  
[www.praxair.com](http://www.praxair.com)

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