

# THE SOURCE

For News & Updates on the Gas Delivery Industry

## FEATURED STORY



## The Auto-Guard™ Cylinder Connection Cover: Maximize Gas Delivery Safety

Working with gases can be dangerous. Accidental hazardous gas releases can happen due to an operator trying to disconnect the wrong cylinder or trying to disconnect the cylinder before it has been properly purged. But with the right equipment in place, operators are protected and safety is ensured. SEMI-GAS® Systems offers a controller-activated cylinder connection cover that enhances safety in gas delivery environments.

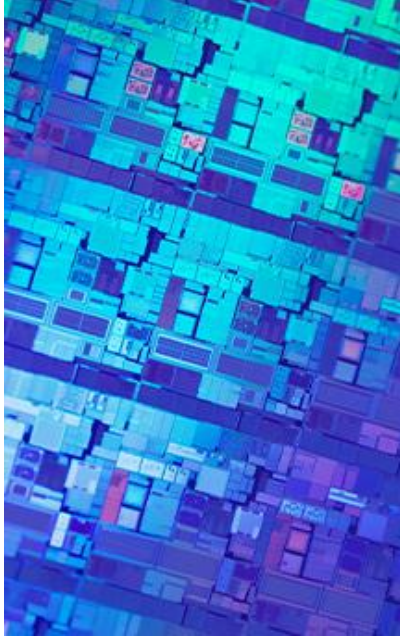
[Read the info sheet](#) to learn how the Auto-Guard™ Cylinder Connection Cover takes safe operation of gas cabinets to a new level.



## FEATURED NEWS

### How to Mitigate the Challenges of Bulk Gas Purification

There are several drivers for innovation in gas purification today, as the speed of technology continues to accelerate. The semiconductor industry is one area where purification is critical, as high purity gas



helps create these essential materials for a demanding world. For complex gas purification with large flow rates, bulk gas purification is the right choice—but comes with its own set of challenges.

[Read More](#)

#### FROM OUR BLOG



### Identifying the Right Welding Technology for Medical Devices

The importance of medical devices and their proper use on patients cannot be understated today. The relationship between a medical device and a patient is critical, so every tiny piece must be precisely constructed. Therefore, the right welding application must be used for the unique devices whose parts require welding.

#### AROUND THE INDUSTRY

Semiconductor Engineering

### Where All the Semiconductor Investments Are Going

---

EE Times

### Electromagnetic Simulation Tools Help Optimize Chip Design

---

Science Daily

### Sweet New Way to Print Microchip Patterns on Curvy Surfaces

#### QUICK GUIDE

### Under Control: A Quick Guide to Gas System Controllers

[Learn More](#)



## Happy Holidays!

As 2022 comes to an end, we at AES like to thank you for your continued support and partnership.

# AES: Your Gas Delivery Equipment Experts



Ultra High Purity Gas  
Delivery Systems



High Purity Gas  
Delivery Systems



Bulk and Point-of-Use Gas  
Purifier Solutions



Comprehensive, Expert-Led  
Field Services



Precision Welding, Marking,  
and QA Services



[info@appliedenergysystems.com](mailto:info@appliedenergysystems.com) | 610.647.8744



All Rights Reserved. Applied Energy Systems, Inc.