The SymplicitY™ UHP Auto-Switchover Panel is an Ultra-High-Purity (UHP) gas panel designed for uninterrupted supply of gas to one or more points-of-use. The heart of this cost–effective panel is the FlexPowr™ Controller and centrally located 4” touch screen interface.

When the primary supply container becomes depleted to the user-settable low pressure limit or low scale weight limit, the Symplicity automatically switches to the standby cylinder. The depleted cylinder can now be replaced without affecting delivery from the new primary cylinder. This automatic feature delivers true zero downtime.

The SymplicitY is available in standard ¼” and HI-FLOW ½” models with a standard ten 10Ra surface finish.
SymplicitY™
UHP Auto - Switchover Panel

Process purity levels are ensured through the use of top quality 316L SS or VIM/VAR tubing and components. All UHP wetted flow paths including purge panels, pigtails and other dynamic pressure bearing components are welded by ASME® Section IX Certified Weld Technicians. SDC’s Certified 3rd party Orbital Welding Procedure includes:

- Procedure Qualification of Record
- Welding Procedure Specifications
- Welder Performance Qualifications

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Codes and Standards Referenced
- ASME® Section IX
- OSHA® 29 CFR 1910, subparts S and H
- NFPA® 79 Electrical Safety for Industrial Machinery
- SEMI® S2 Safety Guidelines for Semiconductor Manufacturing Equipment
- SEMI® S8-95 Safety Guidelines for Ergonomics/Human Factors

Options
- HIGH FLOW model
- Cylinder or dewar scales
- Filtration
- Purification
- 316L flexhose
- Multi-cylinder pigtails
- Cylinder pak pigtails

Standard Source Configurations
- 1-cylinder x 1-cylinder
- 1-dewar x 1-dewar
- 1-dewar x 1-cylinder

Facilities Requirements