

## ASCO's Oxygen Clean Option

In order to meet the industry's need for product used in Oxygen-enriched environments, ASCO miniature valves are available with an option cleaned for "Oxygen Service".

ASCO has been manufacturing miniature valves cleaned for Oxygen Service for over 15 years. All of the Oxygen Service valves are assembled in an ISO Class 8 equivalent (<100k particles/ft<sup>3</sup>) cleanroom.



### Key Points:

- State-of-the-art ISO Class 8 equivalent cleanroom with positive pressure HEPA air filtration system monitored daily
- Staff enters and leaves through airlocks with air shower stage and wear protective hair nets, finger cots, shoe covers, lab coats, and masks (when required) to reduce contamination potential
- Environmental controls for humidity and temperature
- Valve components are ultrasonically cleaned to remove any contaminate prior to assembly
- Components are lubricated with Oxygen-compatible PFPE (perfluoropolyether) grease and oil, only as required for assembly purposes

