



Oxygen Clean Series

All EV, ET, EC and EW series electronic valves with the "O-" part number option are available manufactured and assembled for use in Oxygen-enriched environments for applications that are extremely sensitive to contamination.

- Valves are ultrasonically cleaned, assembled, inspected and tested in an enclosed controlled area with a state-of-the-art positive pressure HEPA filtration system
- Both organic and inorganic contaminants such as particulate matter and Hydrocarbon oils are removed
- No organic sealants, adhesives or lubricants are used in the manufacturing process
- Feature FKM (fluorocarbon) seals
- Component parts are lubricated with Oxygen-compatible PFPE (perfluoropolyether) grease, only as needed for assembly
- Individual testing and inspection is accomplished utilizing compressed Nitrogen and ultra-violet light



For more information on the process, visit www.clippard.com/oxygen



Scientific Series

The Clippard Scientific Series (S-) combines the functions of our Mouse Valve with specific seals and lubricant to accommodate applications in Scientific markets. Analytical equipment and other apparatus used for diagnostic purposes often require FKM seals and PFPE lubricants in order to reduce outgassing and other "analytical noise" from the samples being moved through the system. This series accommodates that need. Additional special seal materials and lubricants may be specified by contacting your local Clippard distributor, or the factory.



Corrosion-Resistant Series

Clippard's Corrosion-Resistant Series (CR-) incorporates materials and construction that provides enhanced protection for valves used with mildly corrosive media. Moisture in air or gases, or other corrosive elements cause less damage to the stainless steel elements of the valve. Where stainless steel is not possible, plating is incorporated to add life to wear components. A nickel-plated brass valve body is standard, but stainless steel may be substituted.