

10 Electronic Valves – Mouse Valve Series Description



Oxygen Clean Series (MO-)

All EV, ET, EC and EW series electronic valves with the “MO-” 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/products/electronic-valve-ev.



Electronic Analytical Series (MA-)

Clippard’s Electronic Analytical Valve (MA-) series combines the proven features of the “Mouse” series with the specific needs of the analytical industry, and for applications where cleanliness is especially important. Special materials, manufacturing and assembly processes make this valve perfectly suited for applications where internal cleanliness, bubble-tight operation, and long life are imperative.

For more information on the process, visit www.clippard.com/products/electronic-valve-ev.



Corrosion-Resistant Series (MCR-)

Clippard’s Corrosion-Resistant Series (MCR-) 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.

For more information on the process, visit www.clippard.com/products/electronic-valve-ev.