

GEM-SOL Special assembly procedures

Valves for oxygen :

All valve parts degreased to remove all oil. Valve assembled in oil free area with oil free tools and tested with clean air.

All ports are plugged and the valve is placed in a sealed bag.

Corrosion protection :

A special film of lubricant is applied to protect the internal parts of the valve from corrosion. This is highly recommended for applications where water drops can remain in the valve.

Reduced noise valves :

Two and three way valves with bumper to reduce the noise when the solenoid is energized. These valves are for DC only.

Silver shading ring :

Used on valves where media may attack standard copper rings, but not silver rings.

Helium leak detector :

We can provide valves and manifolds, tested for leak rates of up to 10^{-9} torr liter per min.