

LT-V-T

Your Marquest Scientific Laboratory Turret comes completely assembled and ready for installation. The control Valve features the new L Series technology which provides a replaceable, anti-rotating Teflon shutoff seal. Should any wear develop, the seal can be easily replaced without tools rendering the Valve back to new condition.

The maximum thickness of the horizontal or vertical surface through which the fixture is to be mounted is 3". A 3/8"NPT female connection inlet is provided for piping your system to the fixture.

1. Determine the location for the fixture to be installed, leaving sufficient room to operate the control valve handle.
2. Drill a 1 inch diameter hole through the surface.
3. Remove the Nut Ring from the Threaded Nipple on the fixture and slide the Threaded Nipple through the drilled hole making sure the O-ring seal is properly in its groove. From the other side of the mounting surface, thread the Nut Ring onto the Threaded Nipple and tighten. Make sure the fixture is oriented to its desired position. Hand tightening of the Nut Ring should be sufficient to retain the fixture in this position. If desired wrench tighten 1/4 turn.
4. Connect your supply line to the 3/8" female NPT inlet using PTFE sealant tape. Do not over tighten as damage could result.
5. Pressurize the fixture and open the valve momentarily to allowing the air to bleed out.

When operating the Needle Valve to a closed position, be sure not to over tighten. Damage or reduced service life could result. When the Valve reaches its closed position a few residual drops may occur. Do not attempt to close the Valve further. These drops should only last a few seconds as the pressure in the fixture diminishes.

