

## Clean Room Optical Bench Shall meet the following Specifications

### TABLE TOP

1. The optical benches are going to be used in clean room optical laboratories; therefore, they shall be suitable for class-100 clean room application.
2. The optical top shall be 96"x48" and at least 8" thick.
3. The top of the bench shall be at least 3/16" thick stainless steel with array of 1" center holes.
4. The holes shall be tapped for a 1/4-20 screw and
5. Static deflection shall be less than or equal to 0.6micro inch per pound
6. Maximum dumping level shall be 5.5micro inch per pound

### TABLE SUPPORT

The support legs are to be used with the table top and shall comply with class-100 cleanness requirements.

1. Shall have Rigid 4 post support system with tie bar for safety.
2. The support system shall be able to handle a weight of 4000lbs
3. The height shall be 28in with a length of 62" and 42"wide
4. The leg frame shall be compatible with a vibration isolation upgrade.