

Tables and Breadboards

Optical Table and Breadboard Capabilities

When catalog offerings do not meet special or unique requirements, our custom optical tables and breadboards enable full optimization of any optical bench.

Customize and choose the optimum optical layout for your design and improve ease of setup and accessibility of critical optical subsystems or reduce time spent on re-aligning and finding noise sources to hit that resolution target or measurement repeatability and accuracy.

Performance

The performance of optical systems depends not only on design and the optical components. Consider the following factors when integrating optics into a system and remember to contact CVI Melles Griot for any help you are seeking

Optical set up influences:

- Environmental influences
- Table static load
- Table dynamic load
- Contamination

CVI Melles Griot help:

- Vibration analysis services that evaluates external noise sources
- Improvements on table load, stiffness and flatness
- Upgrades of the vibration isolation system
- Clean room class 100 compatible solutions

Customization

- Size
- Shape
- Material
- Different size holes, grid sizes and patterns, bolt hole
- Load
- Stiffness (extra core thickness)
- Vibrational isolation performance

