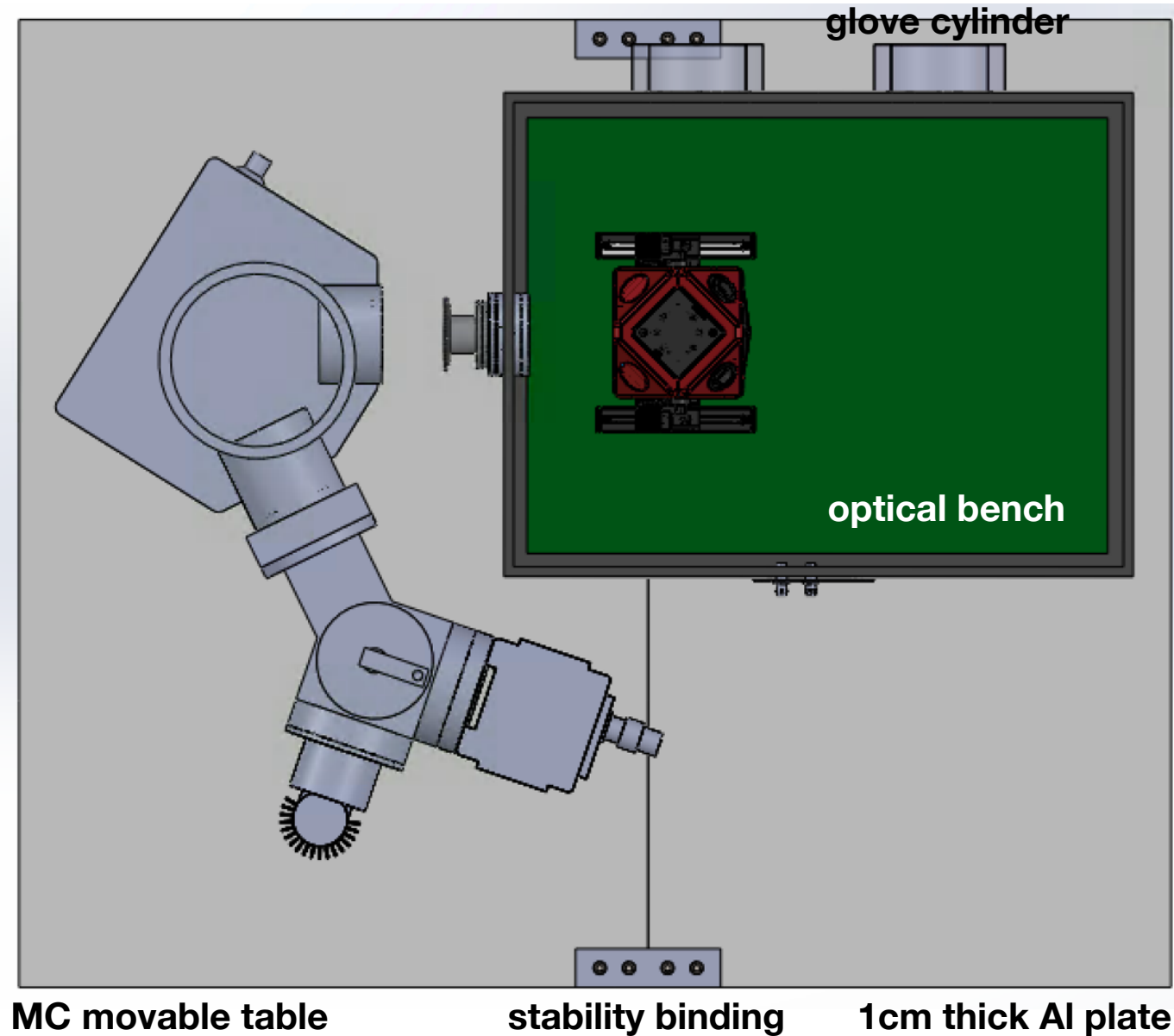


Monochromator acrylic box setup

A. Cervera
(IFIC-Valencia)

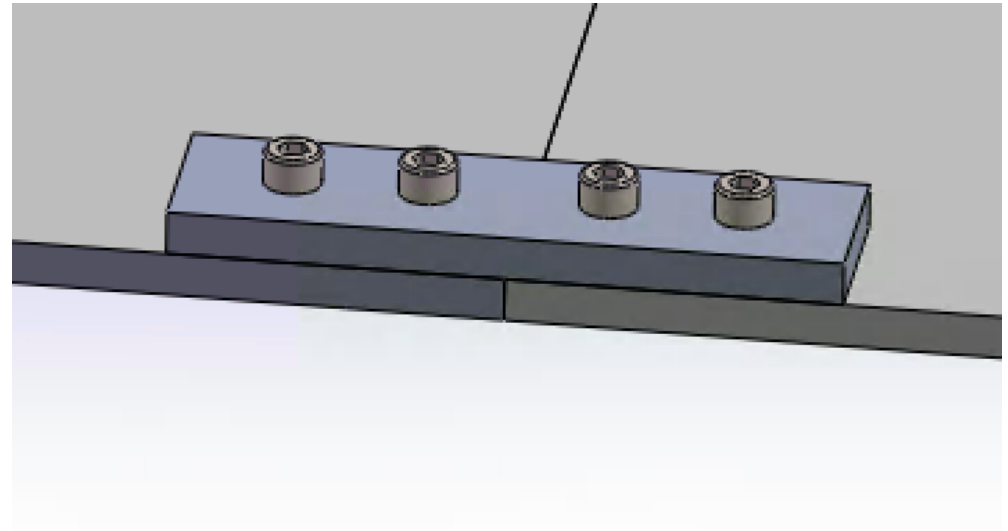
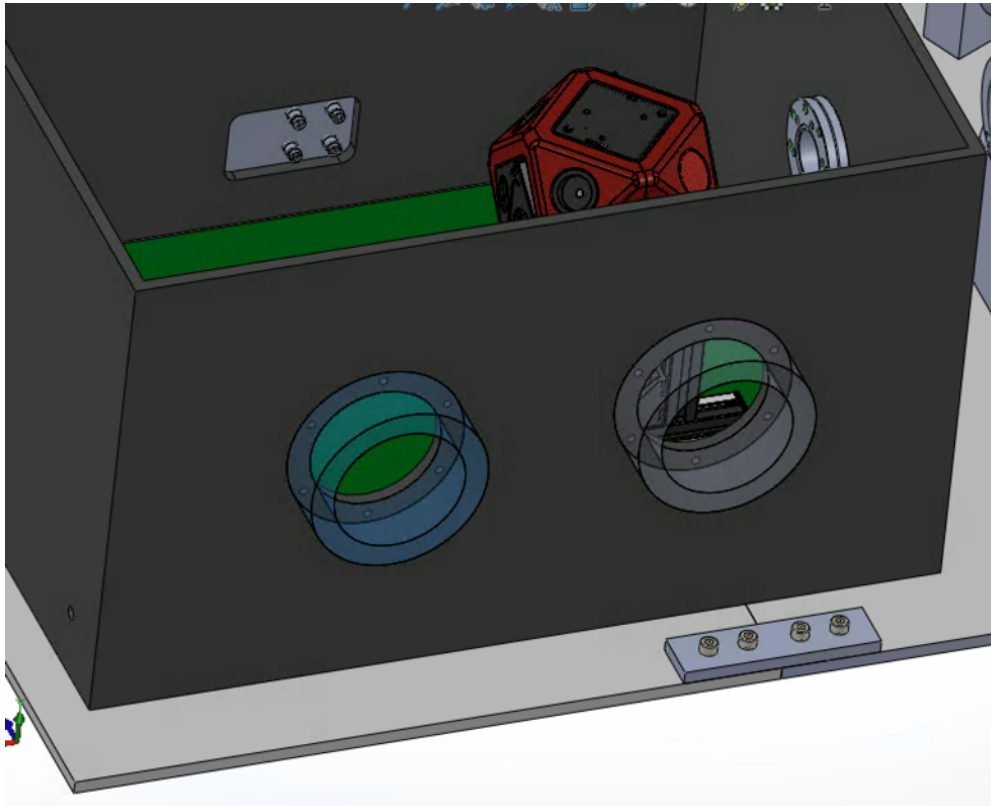
Top view

- The second Al plate rests on a lab table



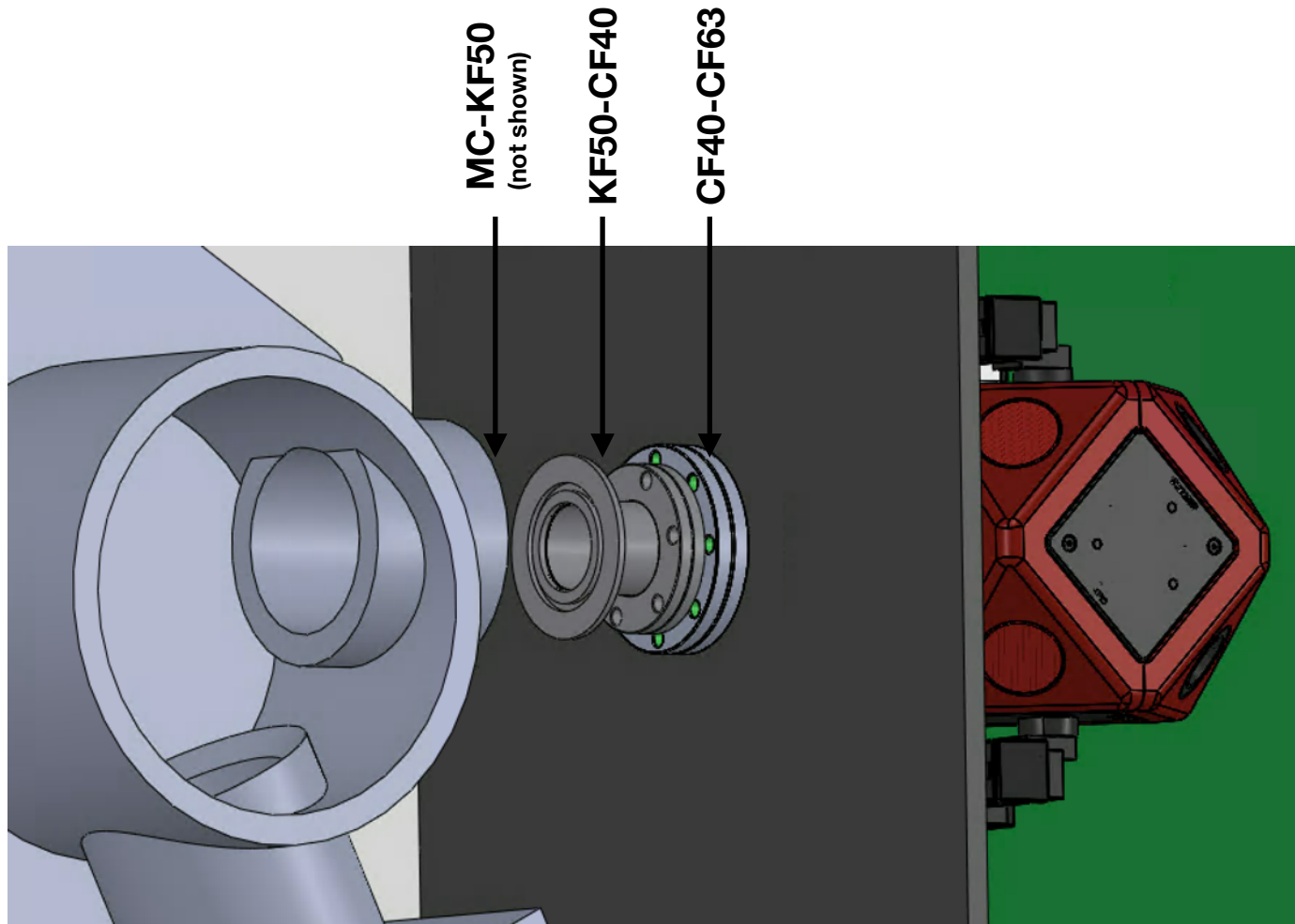
Fixing the two plates

- Keep the two boards at a fixed relative position



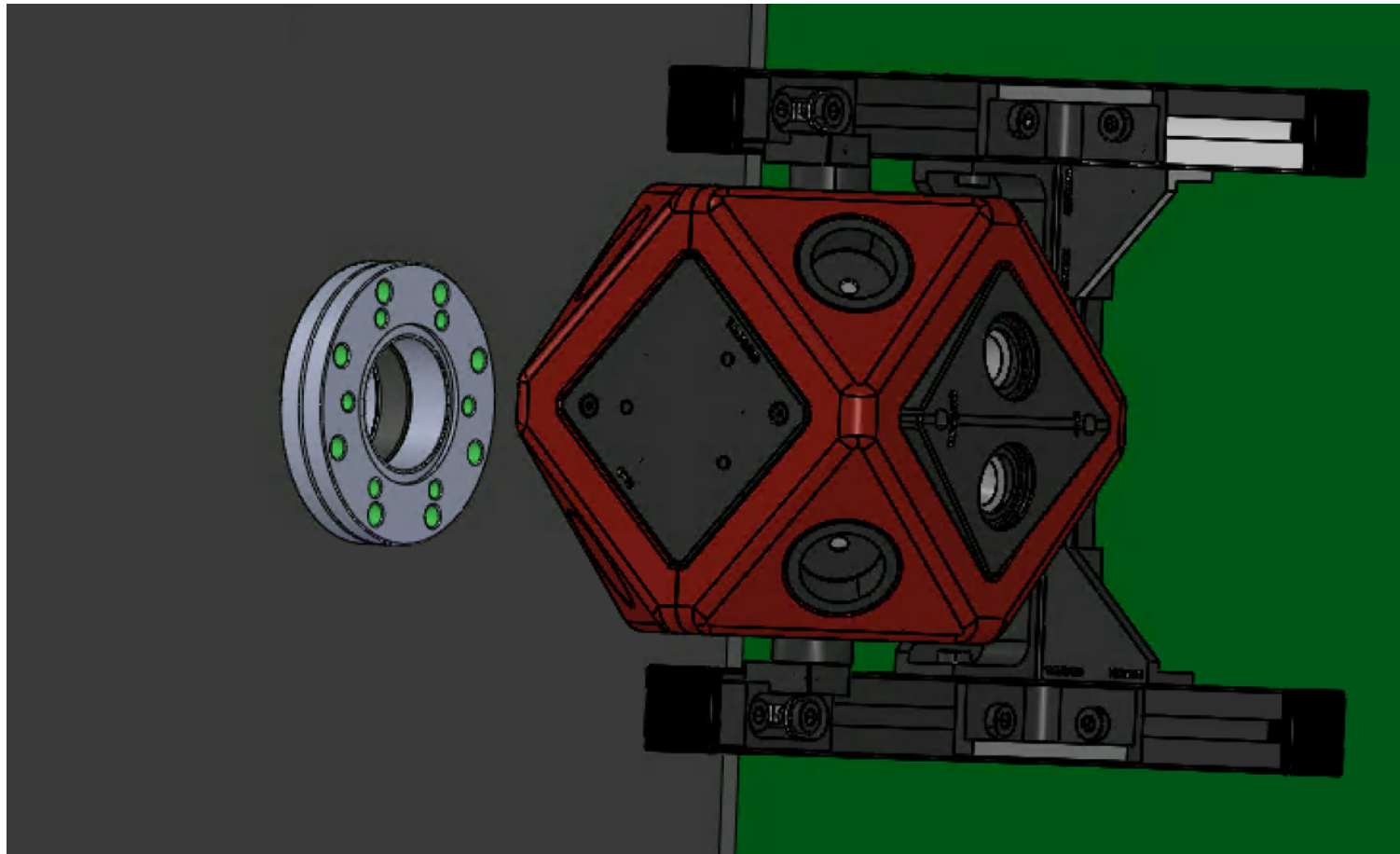
CF40 light port

- We already have the KF50-CF40 adaptor and the KF50-MC adaptors
- Only need the CF40-CF63 that is attached to the acrylic box



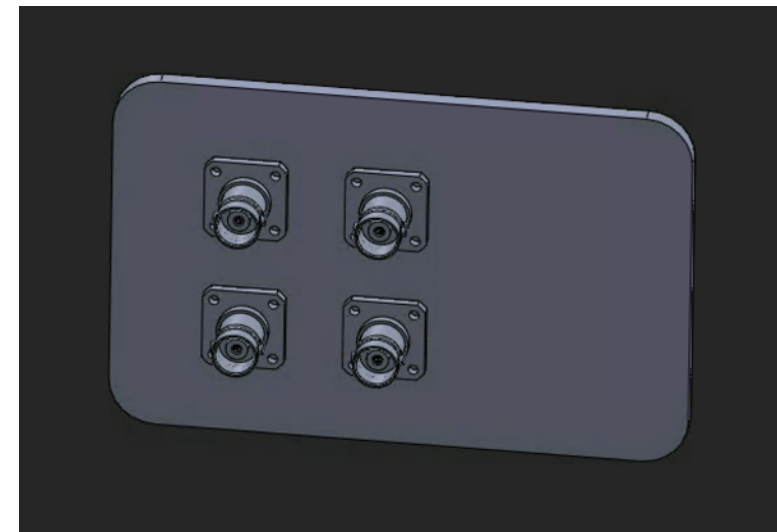
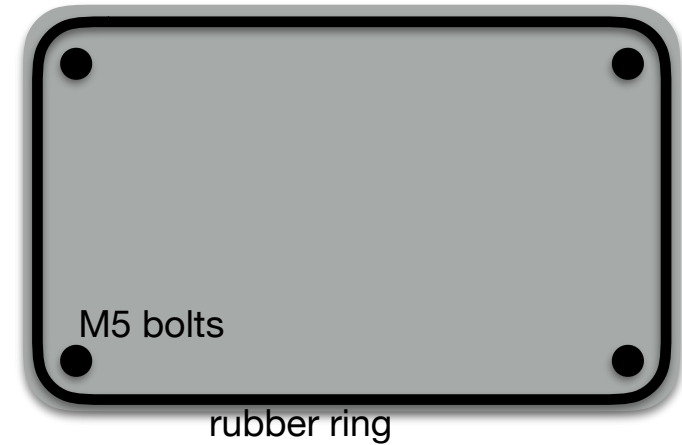
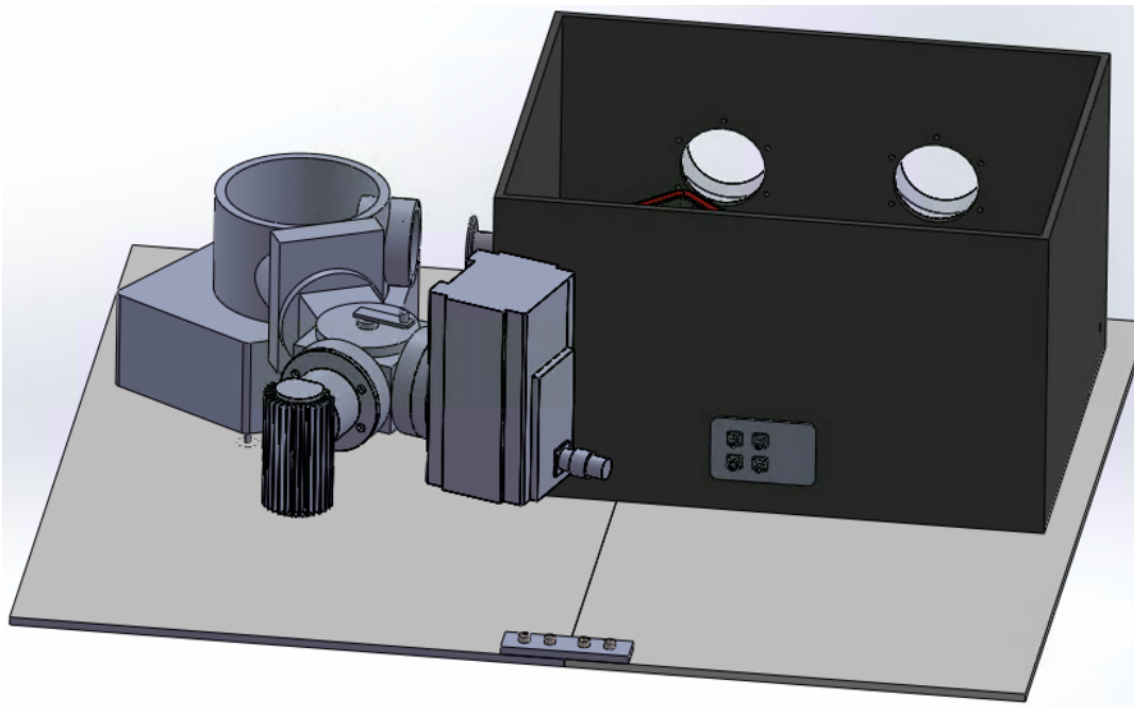
Inner Flange ?

- Do we need a flange on the other side to couple the sphere or any other optical system ?
- Or we can just place the optical system on the optical bench



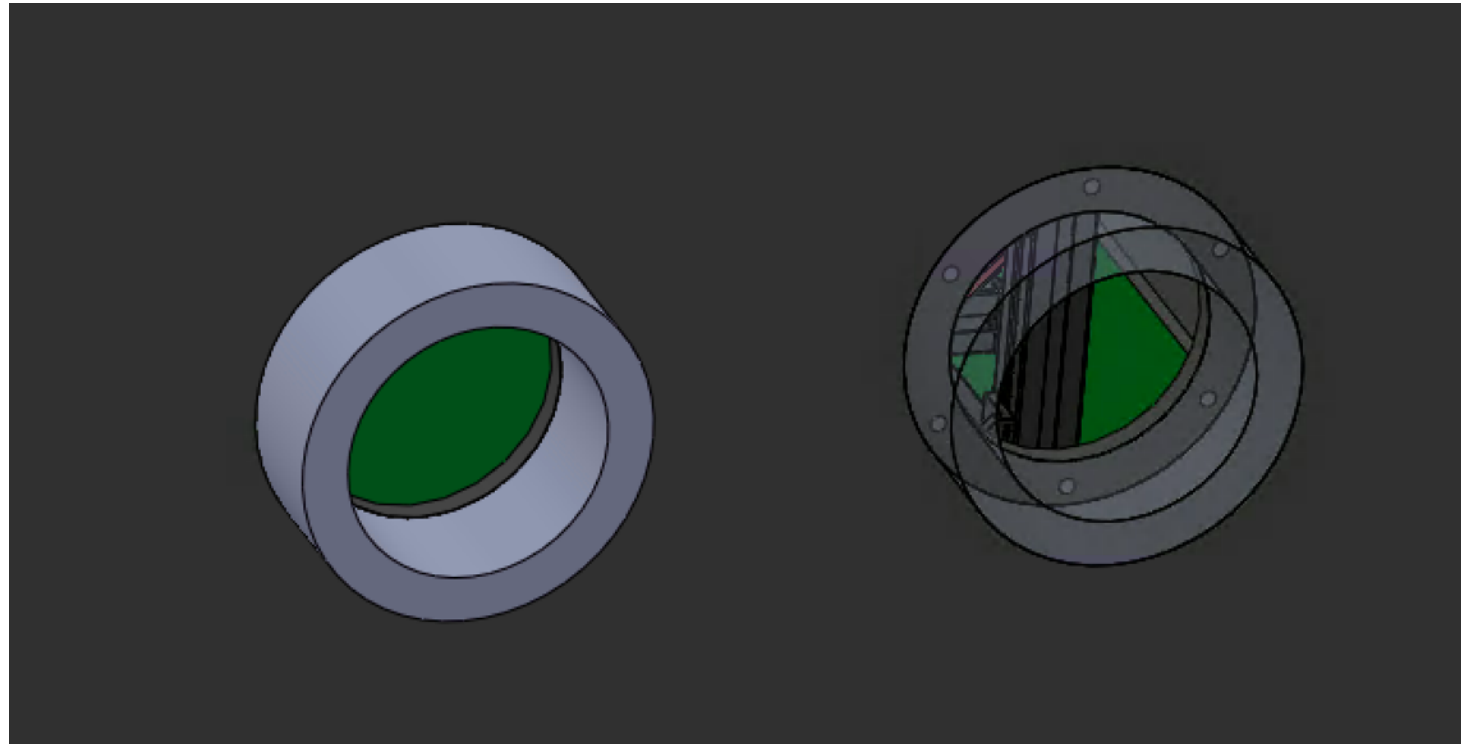
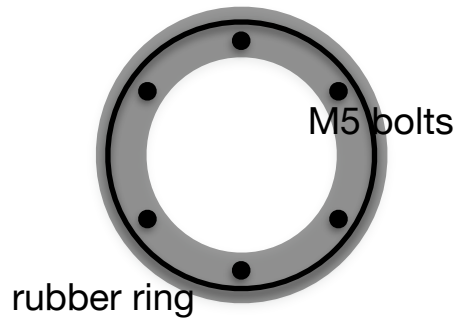
Feedthroughs

- Independent aluminum plate with e.g. 4 BNC and 2 SHV
- Use outer rubber ring for gas tightness



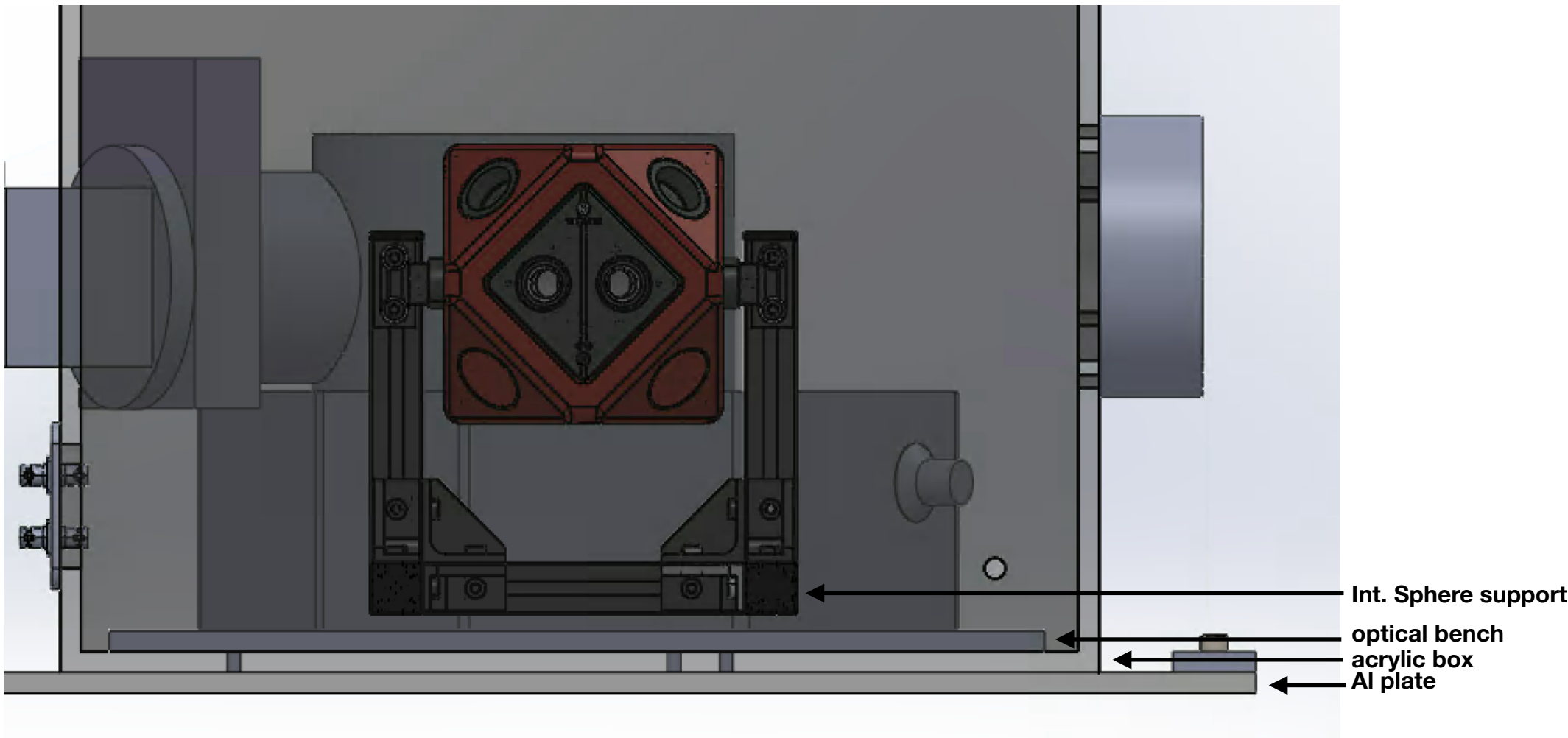
Glove ports

- 10 cm inner diameter
- Use a rubber ring for gas tightness at a radius in the outer part of the fixing screws



Height of optical bench

- Mechanism to regulate the height of the optical bench inside te acrylic box



GN₂ ports

