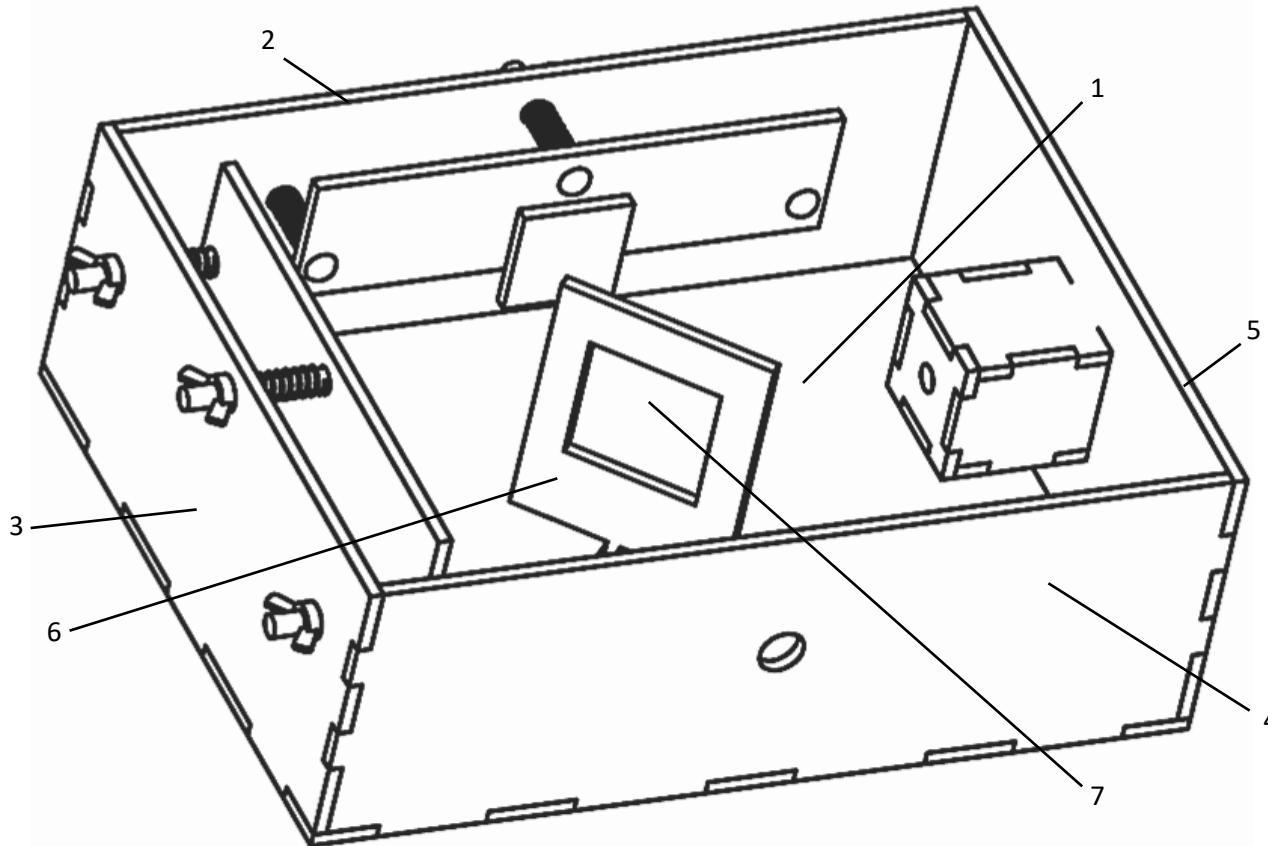


LEAP kit for Michelson interferometry

Fully assembled LEAP kit for Michelson interferometry



The main structure of LEAP kit is symmetrical; that is, there is no front or back side. This allows for quick assembly of the parts.

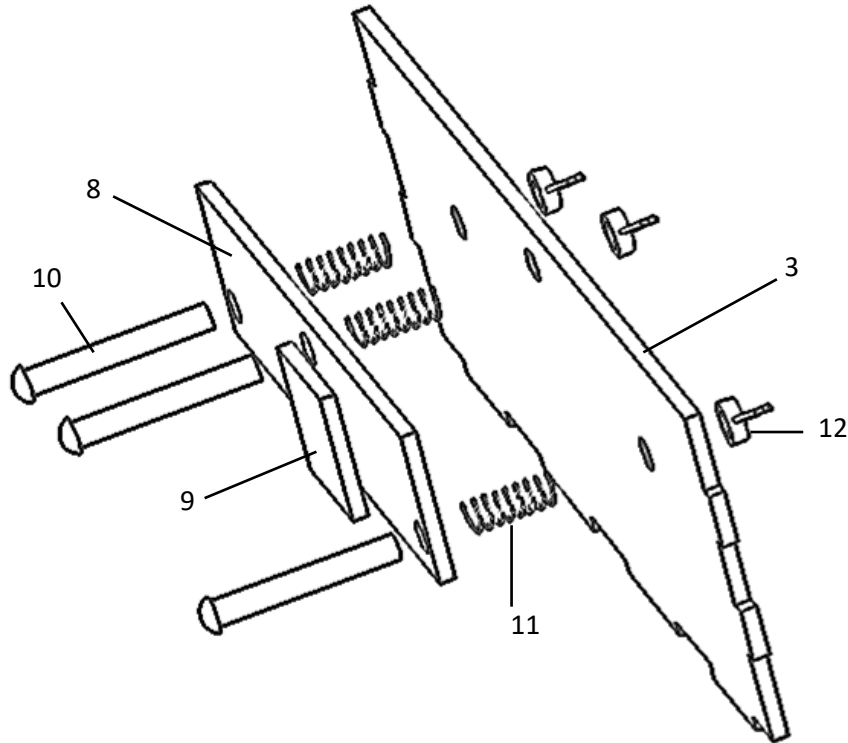
It should also be noted that the assembled pieces have finger joint cutouts that only fit into the Base.

- 1 Base
- 2 MF1 (Mirror face 1)
- 3 MF2 (Mirror face 2)
- 4 OF (Output face)
- 5 LDF (Diode laser face)
- 6 BSH (Beamsplitter holder)
- 7 BS (Beamsplitter)
- 8 Mirror holder (for M1 or M2)

- 9 M1 / M2 (Mirrors)
- 10 Screws
- 11 Springs
- 12 Butterfly nuts
- 13 Laser holder
- 14 LML (Laser Mount Left) / LMR (Laser Mount Right)
- 15 LMU (Laser Mount Upper) / LMLo (Laser Mount Lower)

LEAP kit for Michelson interferometry

Mirror holding and tilting mechanism



The tilt mechanisms for mirrors M1 and M2 are assembled similarly.

Pieces LML and LMR are symmetrical, and pieces LMU and LMLo are symmetrical. Like the main structure of the LEAP kit, the five pieces of the laser mount have no front or back, which helps with the quick and easy construction of the mount.

Laser diode mounting structure

