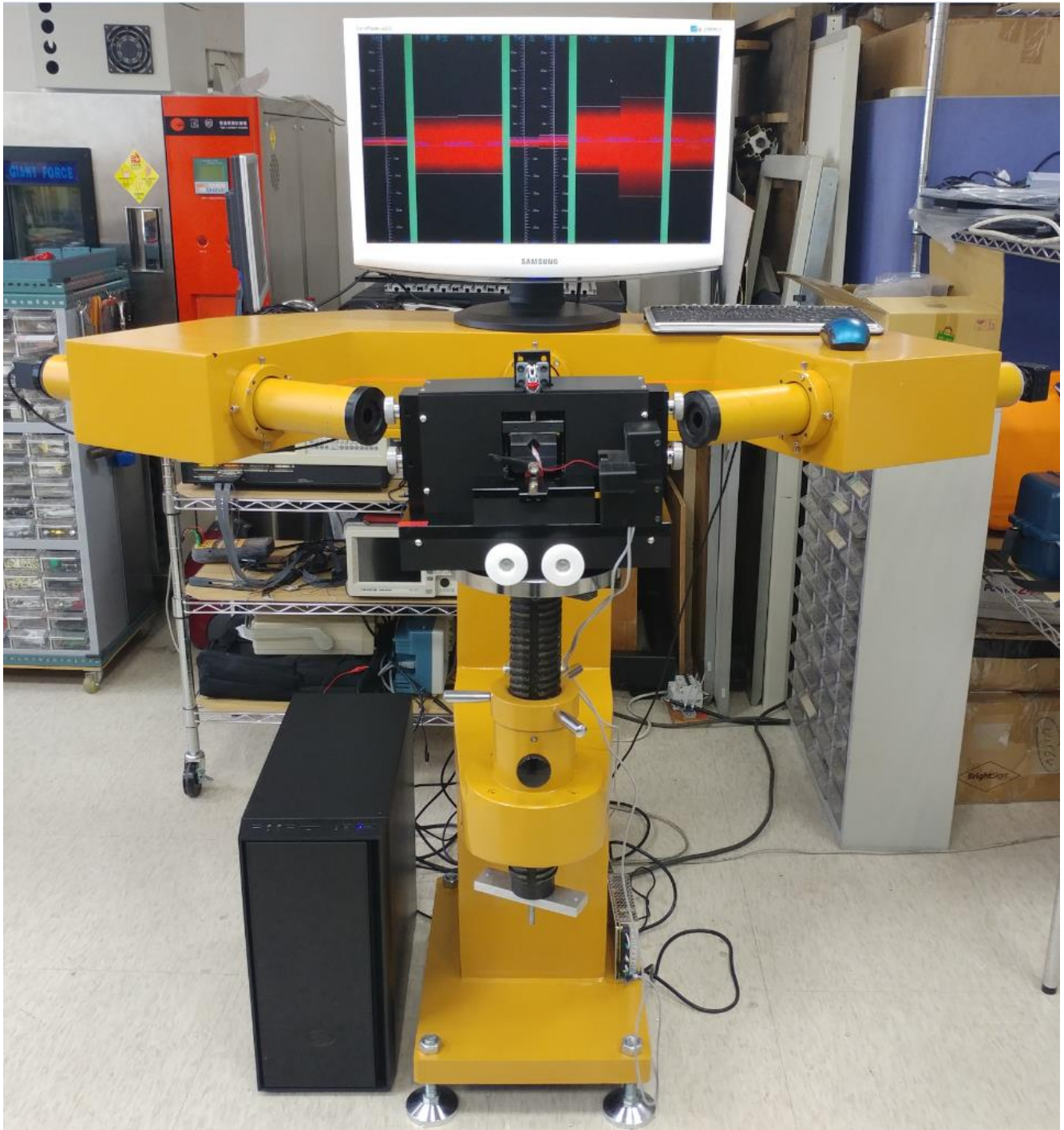


Laser Line Module

Automatic Navigation Line Collimation Adjustment Equipment



Introduction:

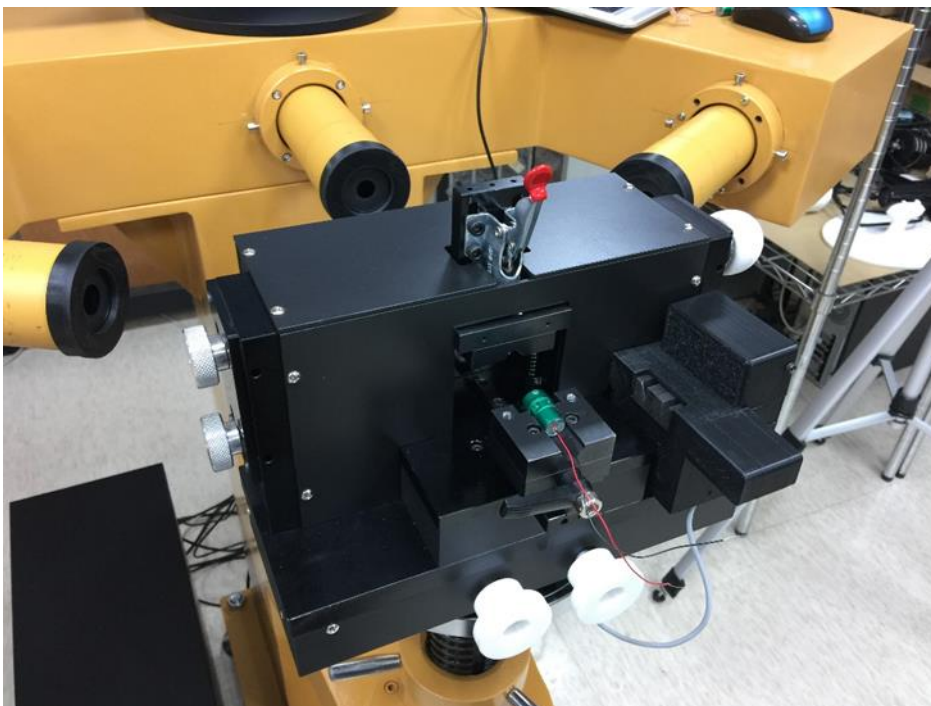
This equipment uses digitalized method to adjust line collimation of laser modules and has following features:

- Increase production capacity
- Simplify the adjustment process
- Significantly reduce the space usage
- Easy to operate, do not require highly experienced staff, make staffing easy
- Fast and single hand module wires clip in
- 4 hand-wheels to adjust directly not require to locate screw holes
- Optical hardware of the equipment doesn't require calibration ever
- Digital and automatic navigation to adjust the line collimation is very easy to operate
- Automatic line width inspection
- Module under adjusting does not require to set accurate angle nor tilt angle alignment

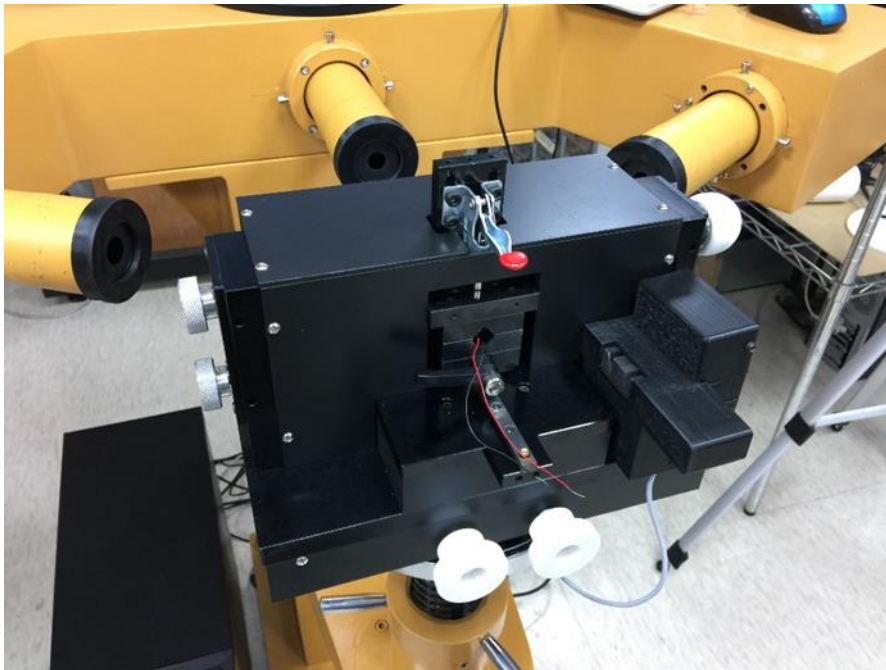
- Even screwdriver hand-wheels jitter during adjustment would not affect the result
- The accuracy of line collimation adjusted by the equipment can reach ± 0.1 mm and up
- Suitable for laser module production, QC and IQC

Operating procedures:

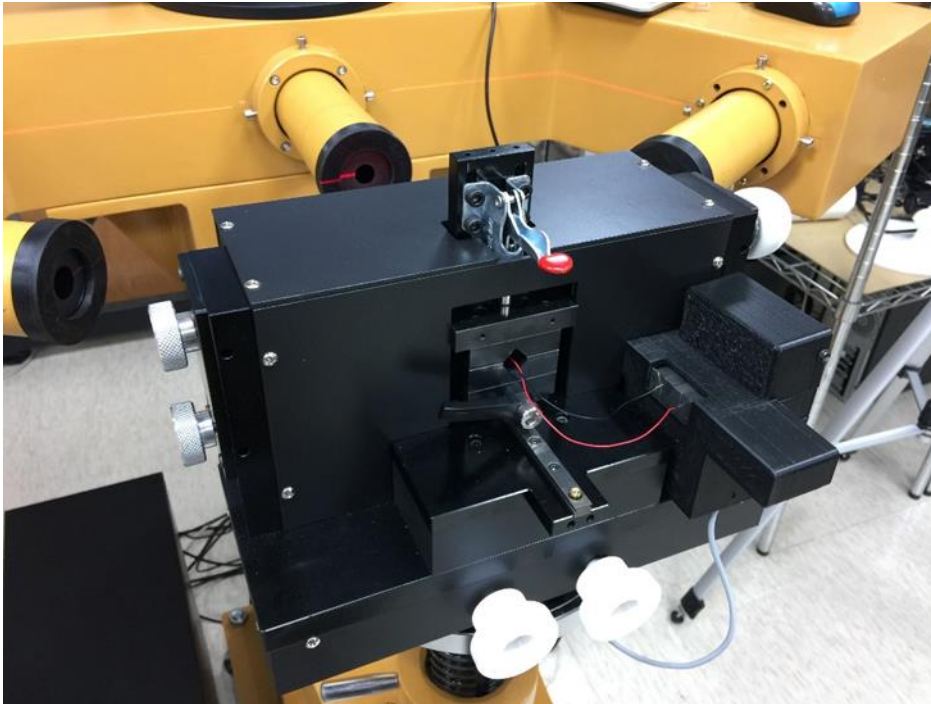
1. Before adjustment load the laser module onto fixture



2. Before adjustment push the laser module into the clamping device
and push down the handle to lock the module in position

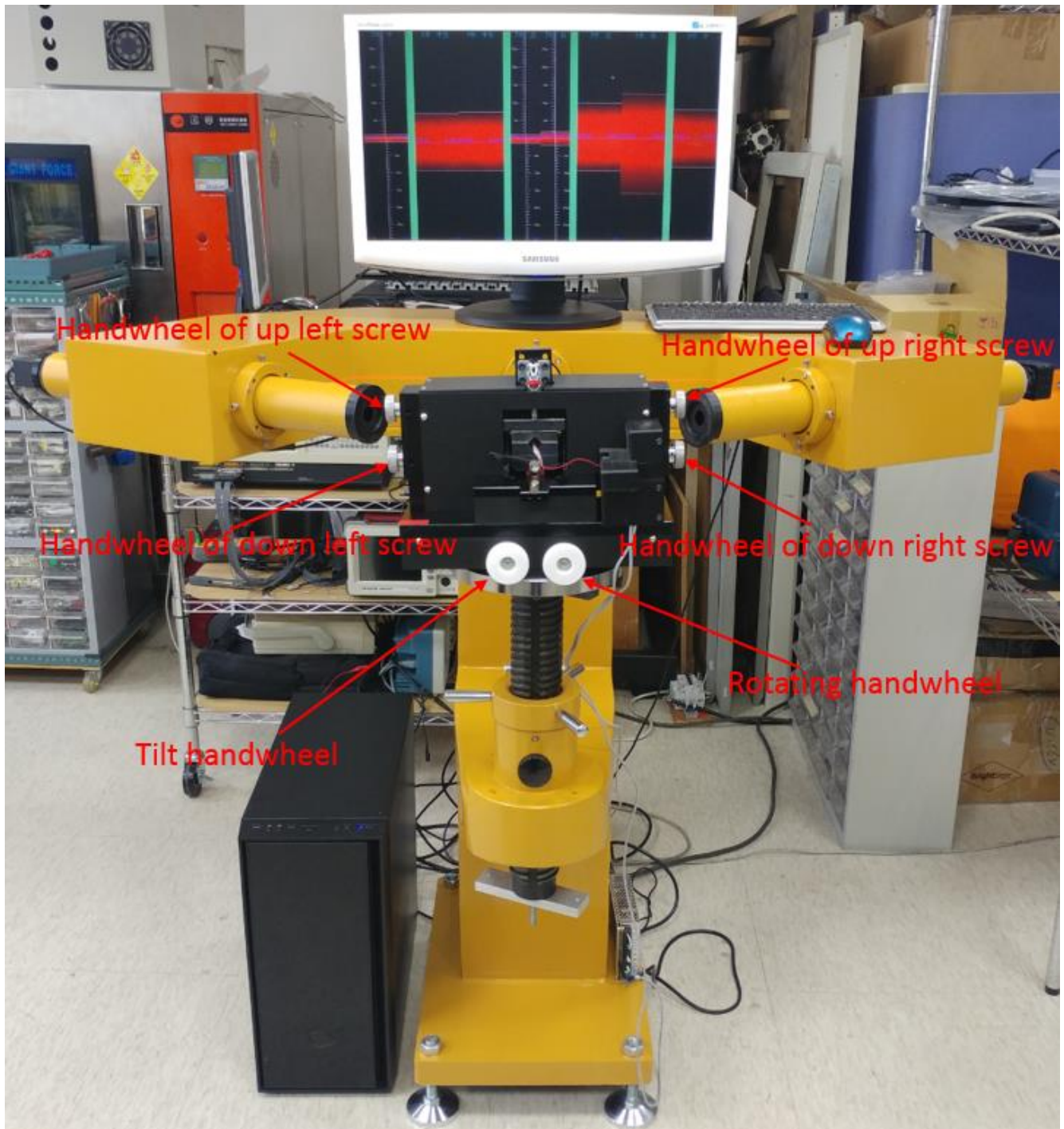


3. Clip the wires of the module into the grips

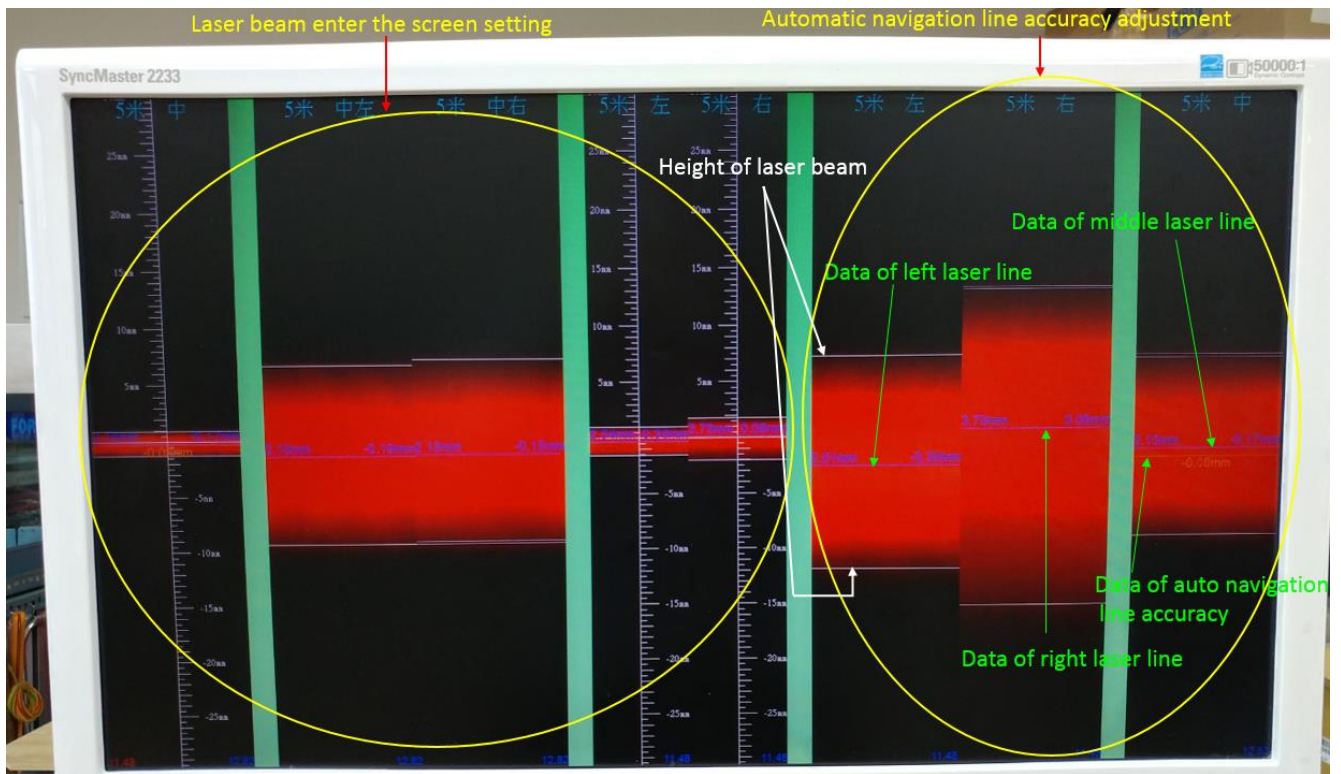


4. Use the automatic navigation to proceed

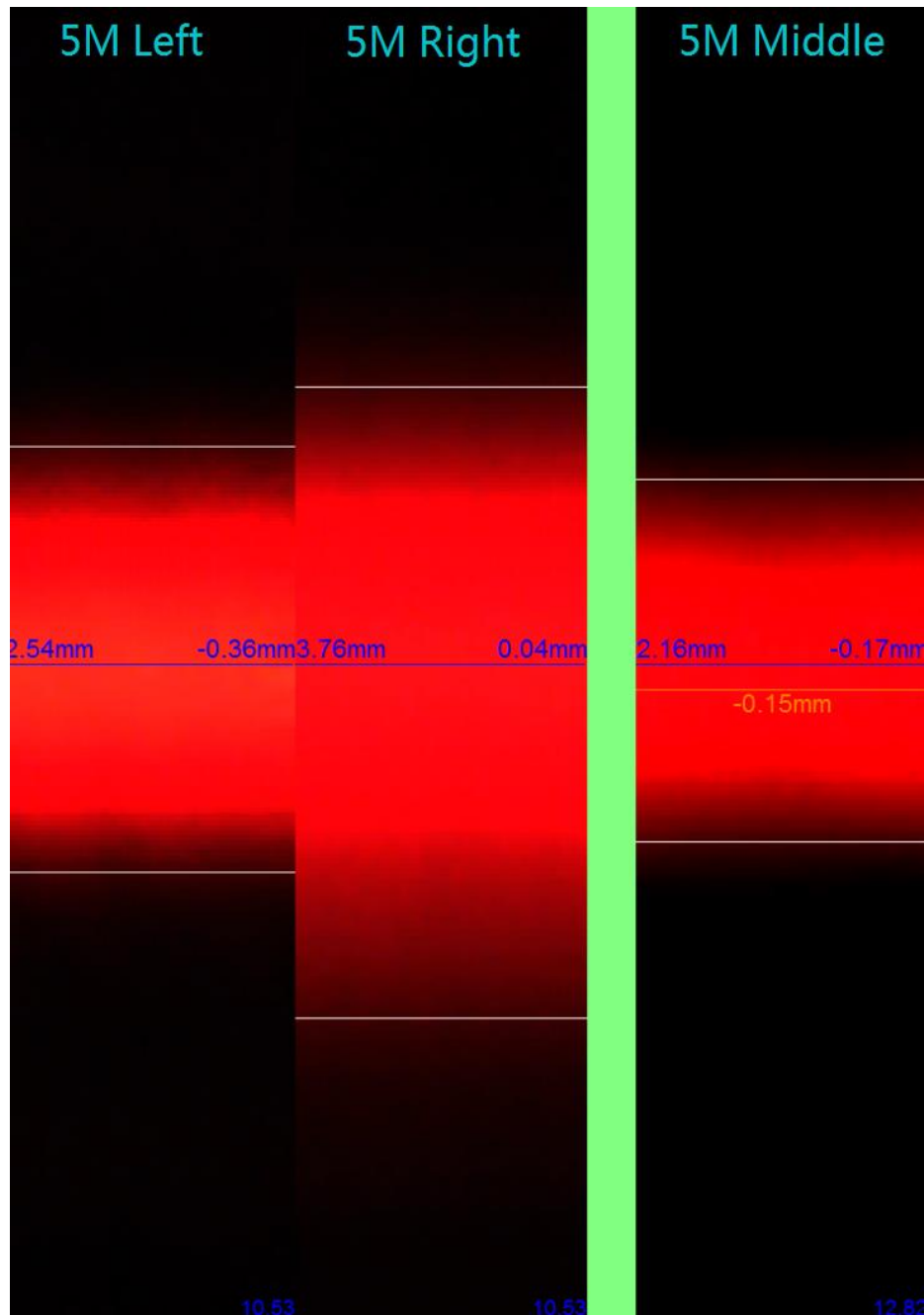
4.1 Name of the parts and description



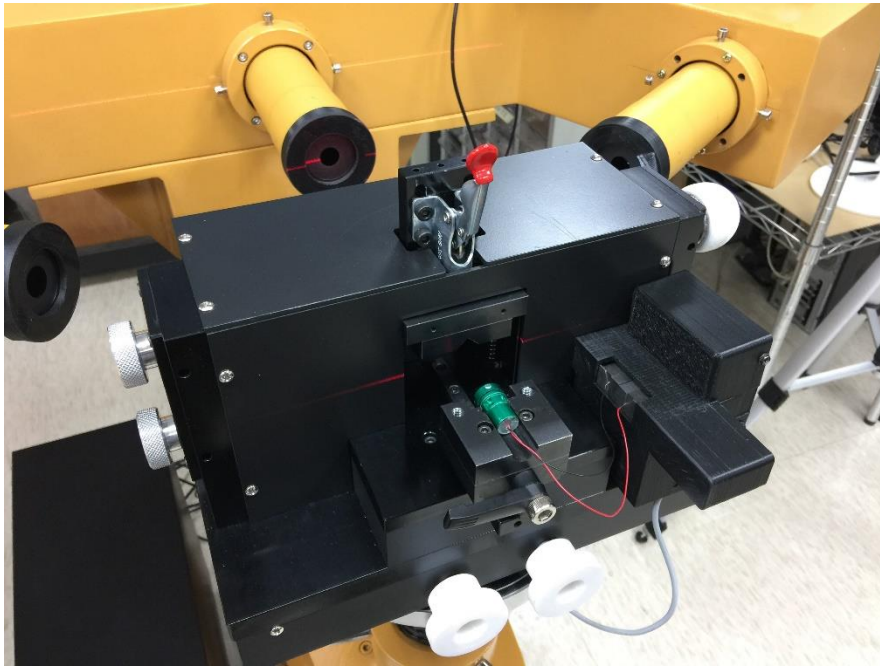
The console screen when perform the adjustment



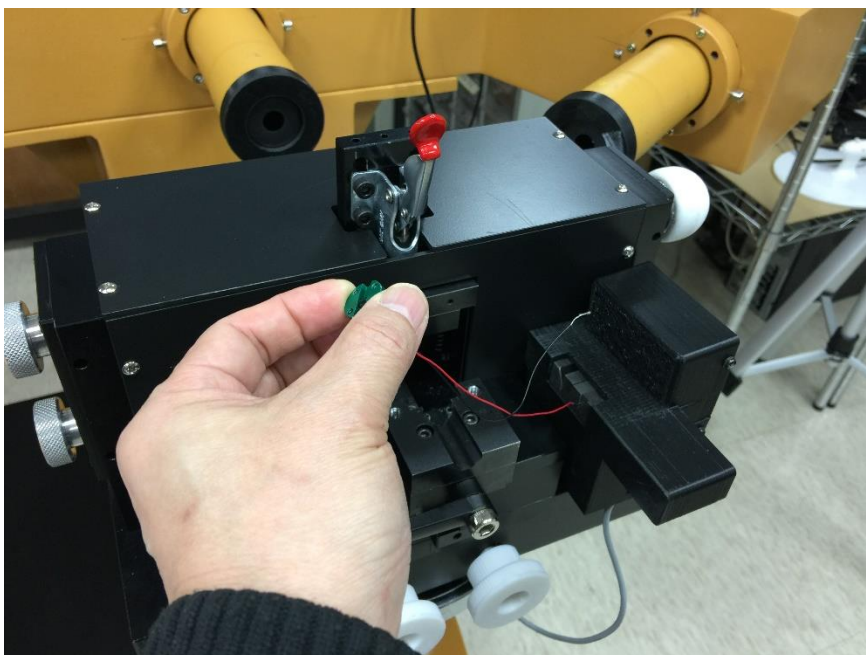
Larger display of the image at the right side of the screen



5. After the adjustment pull out the fixture with module from clamping device



6. Remove the module from the fixture after the adjustment



7. Repeat with next module for adjustment

Outline drawing and installing dimensions:

