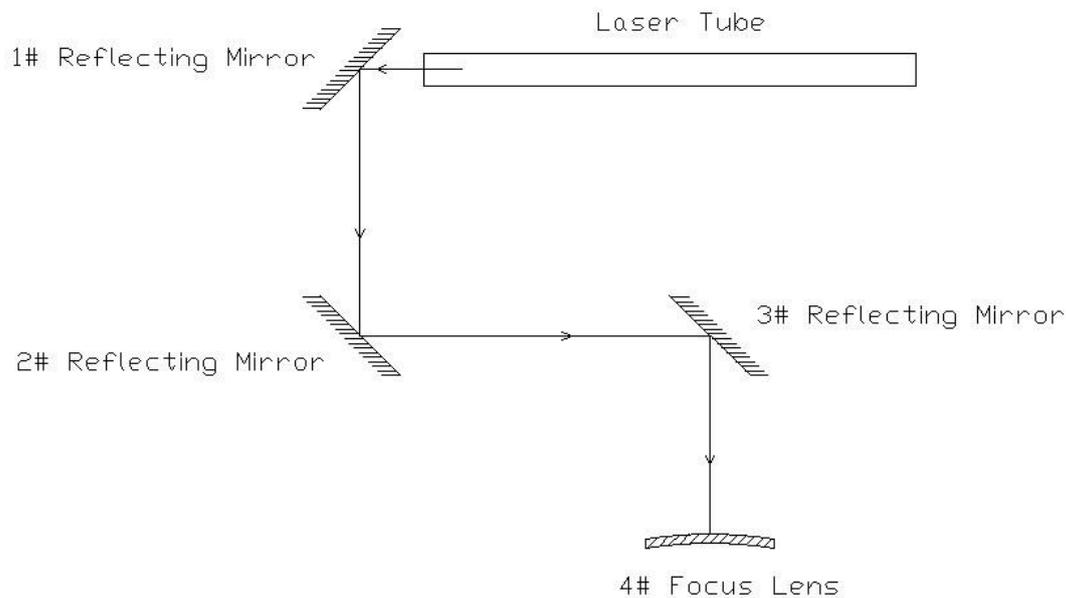


How to adjust the light path



Light Path Diagram

I. Adjust for the horizontal light path.

1. Press the key of "Laser" on the control panel (Use proper light density) to make a mark, check whether the laser beam irradiate in the centre of No.1 reflecting mirror or not. If the laser beam is not in the centre of No.1 reflecting mirror, adjust the height and angle of No.1 reflecting mirror mount and laser tube.
2. Stick double sided tape or creped paper masking tape on No.2 reflecting mirror, and move the beam to the nearest location to the laser tube, and then press the key of "Laser" on the control panel (Use proper light density) to make a mark (Caution: In case of the harm from laser beam, please use a piece of cardboard to get the approximate location of laser beam, then do the further adjustment). Use the three screws to adjust the angle of reflecting mirror, the laser beam will towards top and bottom or left and right.
3. Move the beam to the farthest location to the laser tube slowly, and then press the key of "Laser" on the control panel to make a mark.
4. If the two marks are not coincident, adjust the No.1 reflecting mirror, make sure the centre of two marks are coincident.
5. Repeat from step 2 to step 4, till the two marks coincide completely.
6. Stick double sided tape or creped paper masking tape on No.3 reflecting mirror, and move the slider (laser head) to the nearest location to No.2 reflecting mirror, and then press the key of "Laser" on the control panel (Use proper light density) to make a mark.
7. Move the slider (laser head) to the farthest location to No.2 reflecting mirror slowly, and then press the key of "Laser" on the control panel to make a mark. (Caution: In

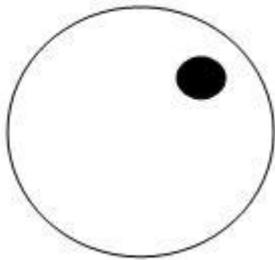
case of the harm from laser beam, please use a piece of cardboard to get the approximate location of laser beam, then do the further adjustment).

8. If the two marks are not coincident, adjust the No.2 reflecting mirror, make sure the centre of two marks are coincident.

9. Repeat from step 6 to step 8, till the two marks coincide completely.

10. Stick double sided tape or creped paper masking tape on No.3 reflecting mirror, then press the key of “Laser” on the control panel (Use proper light density) to make a mark. If the laser beam is in the centre of No.3 reflecting mirror, that’s the right light path.

11. If the laser beam is not in the centre of No.3 reflecting mirror, like the picture shows below:



The laser beam in this picture is on the top and right of the mirror. You have to lower the laser tube, and then adjust the light path from step 1.

- A. If the laser beam decline to top or bottom of the mirror, raise or lower the laser tube.
- B. If the laser beam decline to left or right of the mirror, move the laser tube towards left or right.

II. Adjust for the vertical light path.

1. Test the laser beam of four corners, if the laser beam of these four corners coincide completely, irradiate the laser beam to the centre of No.3 reflecting mirror.

2. Stick double sided tape or creped paper masking tape at the mouth of laser head, then press the key of “Laser” on the control panel (Use proper light density) to make a mark.

3. If the laser beam decline towards left or right, adjust screws of the No.3 reflecting mirror.

4. If the laser beam decline towards top and bottom, adjust screws of the No.3 reflecting mirror, or remount the lens cone of laser head.