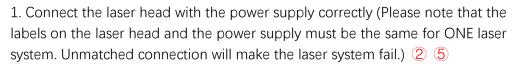


## **Operation Instruction**

Note: The laser can be operated only when the temperature of the laser housing comes back near to that of operating temperature (The most proper temperature is 15°C - 25°C). Otherwise, the laser maybe damaged because the large temperature differences.

- 1. Please don't put anything in front of or at the rear of the laser-head with 0.05m-0.1m area.
- 2. If putting the laser head and the power supply into a box, please make sure there are enough airways for the heat coming out.
- 3. If there is a fan in the box, please keep the fan flow and the heat flow of the laser in the same direction.





- 2. Check the position of the main power switch ③ on the front panel of the power supply and make sure it is in the "OFF" position. If not, press the switch side marked "o".
- 3. Check the key switch 4 to see it is in closing state. If not, please turn the key counter clockwise to vertical state. Then the key switch is in closing state.
- 4. Remove the protective label from the emission port of the laser head. If there is a shutter on the laser head, please open it. 1
- 5. Check the input voltage 8 indicated at the rear panel of the power supply, then connect the plug of power supply to the socket. 9
- 6. Switch on the power supply by pressing the main switch. 3 Press the switch side marked "ON". Then the red LED will come on. 6
- 7. Open the key switch. Turn the key clockwise to the horizontal state. 4 Then it is in working state, about 5 seconds, the green LED is lighted up. The laser works stably after about (Diode Laser 5 minutes), (DPSS Laser 15minutes). 7
- 8. Input TTL or Analog modulation, how to use please refer to "Notes of TTL or Analog modulation". 10
- 9. After using please close the key switch first, 4 then close the main switch 3 and pull off the plug of power supply. 9 Put back protective label to the emission port of the laser head. If there is a shutter on the laser head, please close it. 1
- 10. This is an emergency stop switch. If occurs affairs, push it, the laser will stop working. (11)
- 11. Function of this interlock is safety. If you pull it out, the laser doesn't emit. 12







