

Fiber Coupled Laser System

Operation Guide



Wavespectrum Laser Group

2016.08



1. Composition

- **Fiber Coupled Laser System**



- **Power Connecting Wire**



- **KEY**

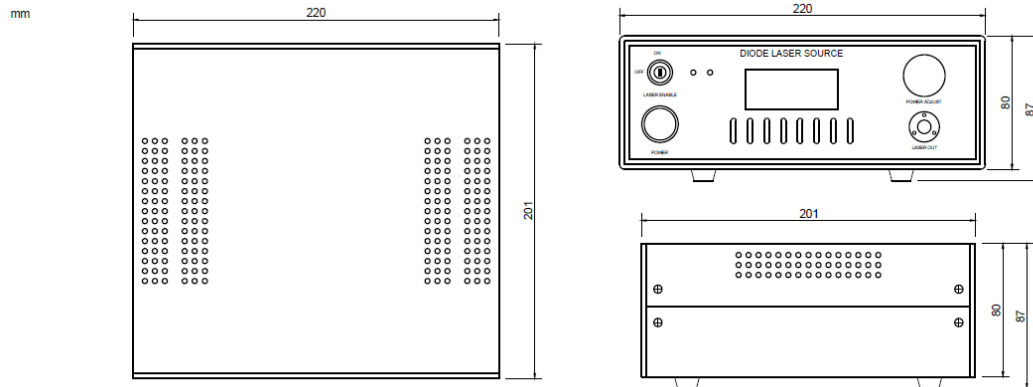


- **INTERLOCK Connector**



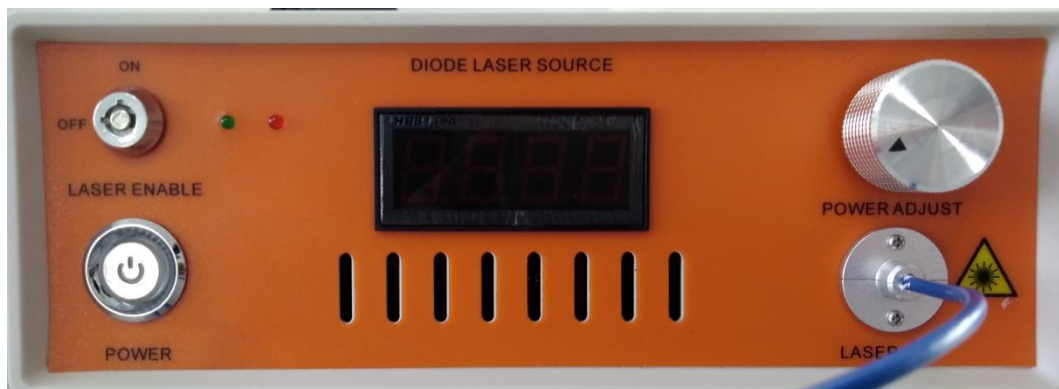
2. Dimension (Unit :mm)

220mm*201mm*87mm



3. Interface and button description

- Front Interface



- a) Laser Output ("LASER OUT")
- b) Power Switch ("POWER")
- c) Current Digital Display (unit:mA)
- d) Power Control ("POWER ADJUST")
- e) Key Switch ("LASER ENABLE")



f) Indicator light ("Power/Warning light")

- 1) When customers open the "POWER", the Power indicator light(Green) will light up.
- 2) If the laser system works abnormal, the warning light (Red) will light up, and the laser system will turn off laser power output.

● **Back Interface**



a) AC Power Connector("AC CONNECTOR")

b) Fans

c) INTERLOCK

4. Install the Cable

Install the power wire (90 V~220V AC Input).

5. How to work

a) Install the Power Wire to the System



- b) Connect the Power Wire to AC Power (90 V~220VAC)**
- c) Clean the Fiber Tips**
- d) Attach the INTERLOCK Connector**
- e) Open the Power Switch**
- f) Turn the" Key Switch" to ON**
- g) You can get the Laser (use the "Power Adjust" to adjust the output power)**

6. Stop Work

- a) Adjust the operating current to a minimum**
- b) Turn the" Key Switch" to OFF**
- c) Close the Power Switch**
- d) Take the INTERLOCK Connector down**
- e) Clean the fiber tips and cover the protective cap**

7. Need to pay Attention

Please clean the fiber tips before work it, otherwise the dust will burn the fiber.

