Fiber Coupled Laser System

Operation Guide

Wavespectrum Laser Group

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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”)

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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.