G·WEIKE

M Series

Installation Manual

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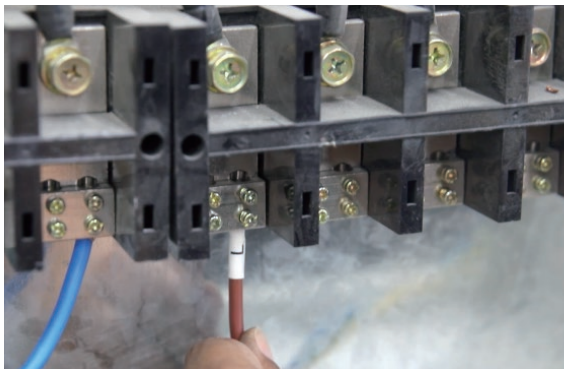
Connection guide

1. Set the multimeter to 700V AC, and insert the test - leads into the corresponding color - coded jacks.

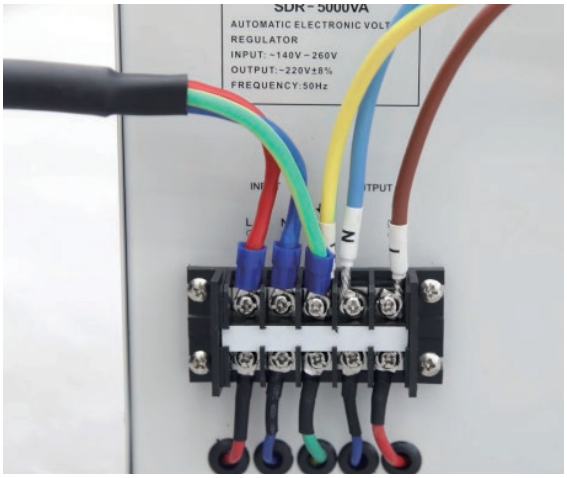
2. Turn on the main power supply, and use a multimeter to check whether the on-site voltage at the customer's location matches the machine's voltage (the machine's voltage is 210V-240V).

3. Turn off the main switch and connect the machine's power cord to the corresponding air switch 1 according to the wire markings (the switch current load should be ≥ 30A), then check if the wiring is secure.

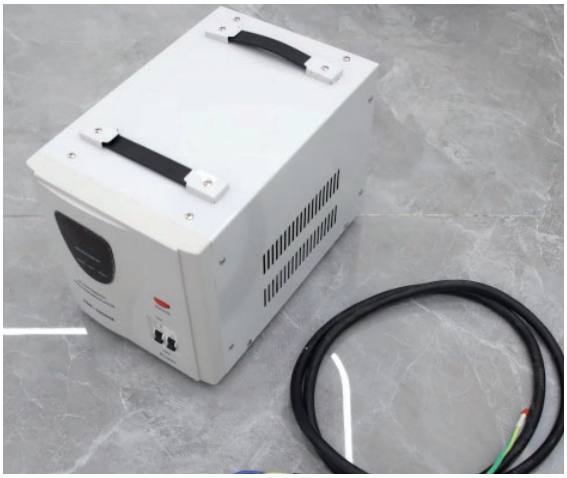


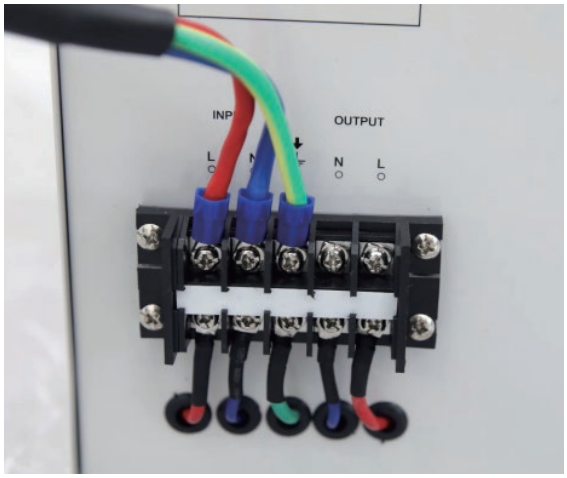
4.1 Connect the laser aviation plug and check if the wiring is secure.

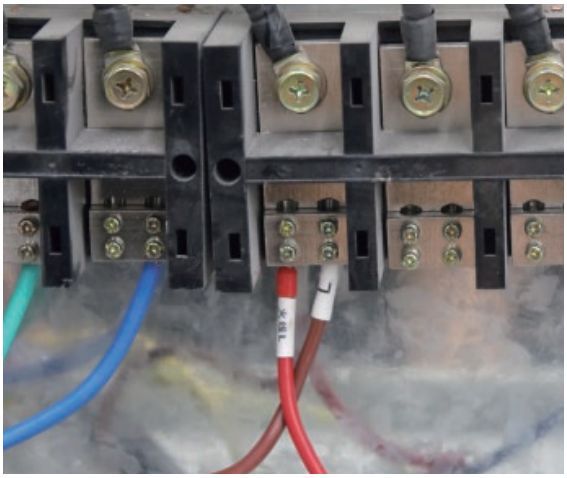
4.2 Neatly arrange the laser power cord to the output terminal of the voltage stabilizer, connect it, and check if the wiring is secure.



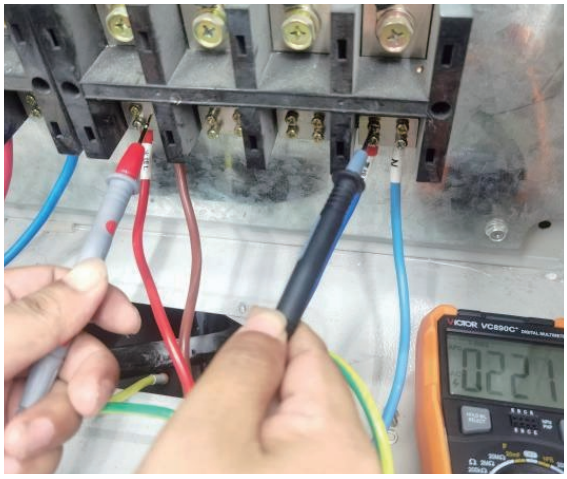
4.3 The customer shall prepare a 3-core 6mm² power cord (L, N, PE). Connect one end to the input terminal of the voltage stabilizer and the other end to the air switch 2.
(with a switch current load ≥ 30A) and check if the wiring is secure.

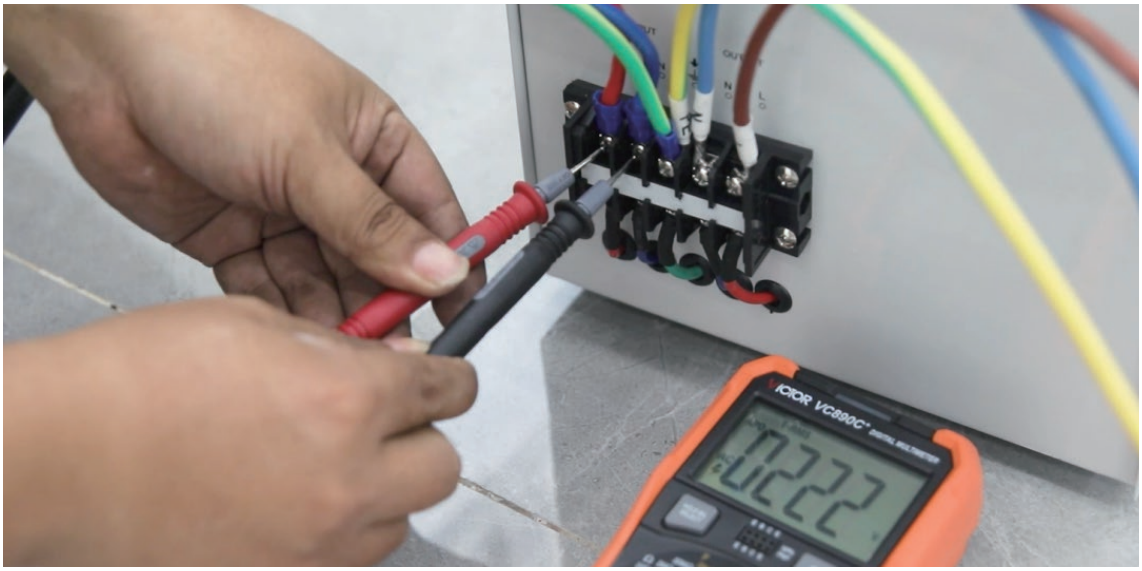




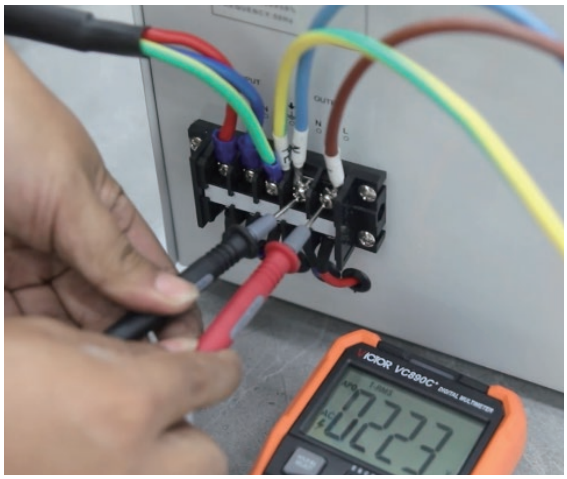


5.1 Turn on the customer's main power switch. Note that power on continuously for three times, and fully turn it on for the fourth time. Measure the voltage at the customer's end and the input voltage of the voltage stabilizer.



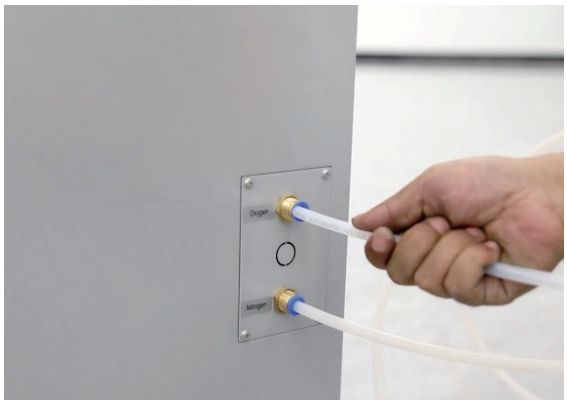


5.2 Turn on the voltage stabilizer and measure the output voltage of the stabilizer (i.e., the laser voltage).



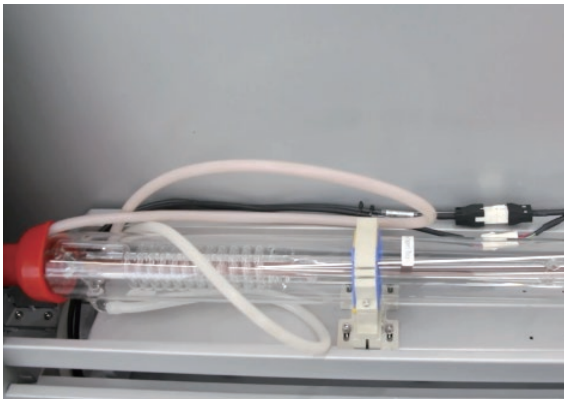
5.3 Turn on the bed air switch and measure the input voltage of the bed.

5.4 Prepare nitrogen and oxygen, connect the nitrogen gauge and oxygen gauge, use an 8mm white air pipe to connect to the corresponding interface on the back of the bed, adjust the nitrogen gauge pressure valve to 2MPa, and adjust the oxygen gauge pressure valve to 0.8MPa.

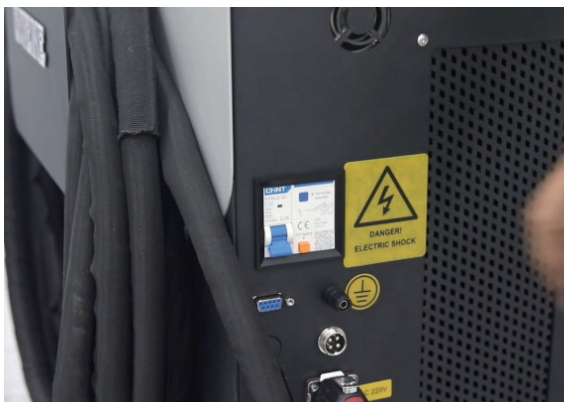


5.5 Turn on the laser power supply, air switch, emergency stop button, and key switch, and check whether the display panel can operate normally.

6. Turn on the bed air switch, emergency stop button, and key switch. Check the CO_2 switch button, smoke exhaust fan button, and water chiller button in sequence to see if the equipment operates normally.



7. After the power-on test is normal, turn off the equipment's emergency stop button, air switch, laser emergency stop, air switch, voltage stabilizer switch, and main power air switch.



220
VOLTAGE DISPLAY
Switch
ON
AC AUTOMATIC
VOLTAGE REGULATOR
OFF
Power
SDR-5000VA