

Testing Interlocks and Modulation from CPU and Laser Tube.

1. Go into alignment mode: Preferences / Diagnostics / Alignment Mode.
2. Increase power to 100%, place DC volt meter between the BLACK and WHITE 22AWG wires located in the white connector attached to the laser tube.
3. Press the XY button on display to turn beam on. You should see 5 vdc between these 2 wires. If you do not see 5 vdc, the CPU is defective. If you do see 5 vdc, the tube is defective.

To test for 12 vdc interlock signal to the laser tube.

1. Place your DC volt meter between the BLACK and YELLOW 22AWG wires located in the white connector attached to the laser tube. With the interlocks defeated you will see 12 vdc between these 2 wires.
2. Raise the top lid, did the 12 vdc disappear? If so interlocks are working correctly.