

COMMON FAULTS AND SOLUTIONS OF LASER GLASS ENGRAVING MACHINE

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The laser head does not emit light

1. Press the test button on the operation panel to check the state of the ammeter: No current: Check whether the laser power supply is connected, whether the high-voltage line is loose or disconnected, and whether the signal line is loose; Current: Check whether the lens is broken or the optical path is seriously shifted;
2. Check whether the water circulation system is normal: no water: check whether the water pump is damaged or not powered on; (Check if the computer settings are correct).

The depth of carving is different or the engraving is not deep

1. Check whether the water flow in the water circulation system is smooth (the water pipe is bent or broken);
2. Check whether the focal length is normal (re-calibrate);
3. Check whether the optical path is normal (re-calibrate);
4. Check whether the paper on the plate is too thick , whether there is too much water (re-correct);
5. Check whether the beam is parallel (adjust the belts on both sides);
6. Check whether the lens is broken (replace);
7. Check whether the lens or the laser tube emission end is polluted (re-clean);
8. 1. Check whether the water temperature is higher than 30°C (replace the circulating water);
9. Check whether the laser head or focusing mirror is loose (tighten);

10. The laser current and light intensity must reach 8mA;
11. The aging of the laser tube (replacement: no charge during the warranty period)).

Abnormal reset

1. Check whether the sensor is dusty, poorly connected or damaged (wipe off the dust on the sensor or replace it);
2. Check whether the flexible conductive tape data cable is in poor contact or damaged (trim the data cable and re-plug or replace the data cable);
3. Check whether the ground wire contact is reliable or whether the high-voltage wire is damaged (re-ground or replace the high-voltage wire);
4. The motor wire is in poor contact.

Missing engraving

1. Incorrect initialization, the data has been sent (correction);
2. The operation sequence is reversed (re-output);
3. Static interference (check if the ground wire is off).

Clean the misplaced and unclosed hook edges

1. Whether the edited file is correct (re-edit);
2. Whether the selected target exceeds the page (re-select);

3. Check whether the software parameter settings are correct (re-set);
4. The computer system is wrong (re-install the operating system and software);
5. Check whether the left and right belts are tight or not or whether the rear belt is too loose (tighten the belt);
6. Check whether the belt or synchronous wheel slips or skip teeth (tighten the synchronous wheel or belt);
7. Check whether the beam is parallel (Readjust the left and right belts).