

N5H Handheld integrated equipment maintenance and maintenance

一、 Machine Photo

二、 Equipment composition

NO	Name	Specification	Quant ity	Unit	Remark
1	Laser host	500W	1	Set	Standard
2	Refrigerator	integrated	1	Set	Standard
3	Workbench	Aluminum countertop	1	Piece	Standard

三、 Configuration specification

Main components	Configuration instructions
Laser host	High photoelectric conversion efficiency, good beam quality, suitable for flexible processing, maintenance-free
Refrigerator	Integrated high-efficiency compressor, water pump, with over-temperature alarm, flow protection
Workbench	Thickened aluminum countertops, no deformation

四、 Daily maintenance and maintenance

1. Laser host

Since the main components of this machine are optical components, the equipment should keep its surface clean at all times. Install the equipment indoors in a place where there is no dust or dust, and keep the external environment of the equipment clean. Clean the protective lens at least once a day. If there is too much stain, please replace it with a new protective lens.

2. Refrigerator

1. Cleaning the top of the cooling water tank
- 2, the chassis into the wind network

3. Please ensure that the water tank is full before starting the machine.
4. Change the water source of the water tank periodically for 30 days to ensure the cleaning of the ceramic core, lamp and rod of the concentrating cavity. To ensure the cooling effect of the laser, please add distilled water to the cooling equipment, the worst is pure water.
5. Clean the filter dust in front of the water tank regularly for 7 days.
6. Replace the filter core and replace it with new ones when it turns yellow or black to ensure the water flow through the laser cavity is clean. The maximum replacement time is 2 months.

Tips: In winter, the working environment temperature should not be lower than 0 °C, if the equipment is not used for a long time, the cooling water should be drained.

3. Replacement of xenon lamps

As a common light source for laser equipment, xenon lamps are often called laser xenon lamps and pulse xenon lamps. A xenon lamp is a photocell or flashing lamp filled with helium. Helium is chemically inert, does not burn, and does not support combustion. It is the natural rare gas with the highest molecular weight and highest density. Xenon high-pressure lamps radiate very strong ultraviolet rays and can be used in medical, spectroscopic spectroscopy and various industrial laser equipment.

Xenon lamp is one of the consumables used in this machine. Due to the long-term use of the device, the energy of the xenon lamp will be reduced. If the parameter is adjusted high, the product cannot be soldered, please replace it with a new one.

The normal xenon lamp has a service life of more than 3 million times or a replacement time of about 4 months.