

# Product features

## Precise and powerful

- High-quality laser output and strong energy make it easier to cut and remove the anterior segment tissue. Coaxial confocal optical path design ensures accurate focusing of aiming light and YAG laser. The first domestically to use the classic upper light source Galileo microscope system, the laser and the slit lamp perfect combination.



LS-100A

## Safe and stable

- Adopt solid Q switch to ensure the stability and long-term effect of the whole machine.
- Single-chip laser voltage control to ensure continuous and stable output of laser energy.
- Built-in safety goggles to ensure the safety of doctors.

## Simple and efficient

- The digital display control panel is easier to operate.
- Pulse adjustment, standby mode switching at a glance.
- The human-optimized handle control is more convenient to operate.



## Technical Specifications

Laser source	Q-Switched Nd:YAG
Wavelength	1064nm
Pulse setting	1-4 pulse
Energy	0-40mJ
Pulse width	6ns
Cone angle	16°
Spot size	≤30μm
Repetition frequency	2.5Hz
Aiming light	635~650nm red semiconductor laser
Energy selection	100%, 70%, 50%, 35%, 25%, 12%, 6%
Magnification	10X, 16X, 25X
Electrical requirements	220V/50Hz, 500W
Cooling system	air convection
Weight	49Kg
Workbench	640X410mm

LS-100



Drum zoom

Classic design, provides three magnifications of 10X 16X 25X, can be customized. By choice, no need to change eyepieces.



Direct controlling box

Back lighting control box can be rotated freely even to 360 degrees in the panel. The digital display is clearly shown even in the dark room.



Laser target plate

The adoption of ENV similar with the material of ocular tissue makes doctors operate more skillfully and accurately.



Power supply

Modularization design makes the performance more stable, which greatly facilitate the maintenance and upgrading of the equipment.



Lighting source

The brightness of the slit lamp is sustainable and adjustable.