

# JY YAG Laser Marking Machine



## Features

JY YAG side pump laser marking machine adopts the international, advanced laser technology, uses the laser diode pump Nd: YAG as the medium enables it has the following advantages: high reliability, long life, high energy conversion efficiency, high-quality beam, low power consumption, easy maintenance, and excellent marking effect.

## Applications

It is suitable for marking various kinds of metal and non-metal materials.

It can be applied in electronic components, integrated circuit (IC),

electric, appliances, mobile communications, work hardware products, tools accessories, precision instruments, eyeglasses and clocks, jewelry accessories, auto parts, plastic rubber buttons, building materials, PVC pipe, medical equipment and other industries. Suitable materials include: common metals and alloys (all metals include iron, copper, aluminum, magnesium, zinc etc), rare metals and alloys (gold, silver, and titanium), metal oxides, special surface treatment (phosphate, aluminum annihilating and plating surface). Also is suitable for non-metal materials, such as ABS, Nylon, PEC, PVC, etc.

## Parameters

Model	JY YAG Laser Marking Machine
Laser Power	50W 75W 100W
Standard Marking Area	110x110mm
Optional Marking Area	150X150mm 200x200mm 300x300mm
Laser Wavelength	1064nm
Laser Repetition Frequency	≤50KHZ
Cooling System	Water Cooling
Reposition Accuracy	≤±0.001mm
Marking Depth	≤0.5mm(According to the material)
Marking Linear Speed	≤7000mm/s
Marking Linear Width	0.02mm
Minimum Character	0.25mm
Working Voltage	AC220V±10% 50HZ 15A/20A/25A
Consuming Power	≤3000W