



Feature:

Semiconductor marking machine takes semiconductor laser (with wave-length 808nm)

diode pump Nd:YAG as medium .

The wave-length is 1064nm with strong pulse under the function of Q-switch, so the efficiency of the electricity-light transformation is high. Under the control of the computer the resonance mirror can change the path of the laser beam to accomplish automatic marking.

Technical parameter:

Model	PC-YAG-50/75
Laser power	50W, 75W
Laser wavelength	1064nm
Laser mode	TEM00
Marking area	70*70mm/130*130mm
Marking depth	<0.8mm
Linear speed	<7000mm/s
Min. Line width	0.01mm
Min. Character size	0.2mm
Repetition accuracy	<0.002mm
Power consumed	2.5KW
Electronic power	220V/50Hz/30A
Q switch Frequency	<50KHz
Working table	Z adjustment table
Standard	Water chiller, red dot pointer
Consumable	Lamp, water, filter core, electricity
Option	X/Y movable working table Rotary equipment
System warranty	One year

Applicable Industry:

These materials can be cut, which include metal, alloy, oxide, ABS, epoxy resin, printing ink and so on ;It is widely applied for electronics, jewelry, automobiles, communication products, and plastic buttons and IC cards;

Advantage:

It adopts digital control system which has high-speed, high-precision characteristics; The process of marking is non-contact, permanent marking effect, human operating, and operation stability;The professional control software can achieve automatic scheduling and edit for text, symbols, graphics, photos, bar codes, two-dimensional code, serial numbers and so on