

UV Laser Marking Machine



Brand:Hightech

Shandong hightech industry corp

Device Configuration

UV laser marking machine configuration is as follows:

Name	Model Power	Place of Origin	Notes
Laser	3-10W	Maiman	Long life, high reliability, good beam quality
Vibrating lens	Ultraviolet	Jinhai Chuang	Fineer, faster and more reliable marking
F-θ lens	Beijing	100*100 optional	High-quality optical devices
Marking software	Ezcad	Genuine	Powerful functions, simple and convenient operation, compatible with Autocad, Coreldraw, Photoshop and other software formats. Data extraction, automatic generation of serial numbers, production dates, etc.
Control cabinet		Self-developed	Special cabinet, full mold production, high sealing/shell optional
Chiller	CW5000	Special Domain	Optional
Column			500mm lifting column
Computer	Industrial computer	Domestic	

Parameter

No.	Machine model	UV Laser Marking Machine
1	Laser wavelength	355nm
2	Laser power	3-10W
3	Repetition frequency	8-120KHz
4	Marking range	100mm×100mm
5	Marking line width	≤0.01mm

6	Marking depth	$\leq 0.01\text{mm}$
7	Minimum character	0.2mm
8	Marking line speed	7000mm/s
9	Repetition accuracy	$\pm 0.003\text{mm}$
10	Power requirement	Single Phase 220V 50Hz/60Hz 16A
11	Total machine power	1kw

2.3.4 Main application industries

1. All-round laser marking equipment, metal and non-metal can be marked, suitable for high-end markets with ultra-fine processing, surface marking of cosmetics, medicines, videos and other polymer materials, fine effect, firm marking, better than inkjet coding and pollution-free;

2. Flexible PCB marking and scribing;

3. Silicon wafer micropore and blind hole processing;

4. LCD glass QR code marking, glassware surface marking, metal surface coating marking, plastic buttons, electronic components, gifts, communication equipment, building materials, etc.

2.3.4 Marking effect



