

ULTRAVIOLET LASER

Ultraviolet Laser Marking Machine >>



>> Product Description

Imported high quality UV laser light source, Compared with the ordinary laser marking machine, the Ultraviolet end pump laser focused spot's diameter is smaller, and the marking effect is more precise. comparison of Infra-red end pump, the absorption rate of metal to ultraviolet is higher.It's more suitable for metal materials and glass materials precision marking. And narrow pulse laser on the working time of the material is shorter, thermal effect is smaller, marking effect is more beautiful.

>> System Features

- High performance ultraviolet laser(Internal frequency doubling technique+TEC refrigeration technology )
- High photoelectric conversion rate Long service life
- High reliability High stability High security
- High precision marking quality High marking speed Good repeatability

>> Parameters

Model Number	MRJ-UV-1F	MRJ-UV-3F	MRJ-UV-10F
Laser Wavelength	355nm		
Laser Power	1W/3W/10W		
Marking Area	50*50mm/100*100mm		
Marking Speed	≤7000mm/s		
Beam Quality	m2<2		
Q Frequency Modulation	8kHz-15kHz		
Min Line Width	0.01mm		
Min Character Size	0.2mm		
Repeated Accuracy	± 0.003mm		
Whole Power	2kw		
Power Demand	220V/Single-phase/50Hz/10A		

>> Application

Semiconductor UV laser marking machine is applied to the fine marking, fine cutting and micro machining of of special materials, mainly used for marking and surface treatment of materials such as glass,LCD screen, textile, ceramic, semiconductor wafer, IC grain, sapphire,thin polymer film.

>> Samples

