

UV LASER MARKING MACHINE



Product Description

The UV laser marking machine adopts the 355nm wavelength UV laser, which directly destroys the molecular chemical bonds on the surface of the material (photochemical effect) through the characteristics of short wavelength and high photon energy, rather than the thermal melting/evaporation mechanism of traditional lasers. This "cold processing" characteristic makes it particularly suitable for fine marking of heat-sensitive, brittle or highly reflective materials.

- Cold processing
- Ultra-high precision
- Wide range of material applicability
- Environmentally friendly and pollution-free

• Column



• Laser Source



• Laser Galvo



• Field Lens



• Buttons



• Industrial Computer



• Water Chiller

Samples



Parameter

Wavelength	355nm
Output Power	3/5/10W
Frequency	20kHz-200kHz (Adjustable)
Light Beam Quality	<1.5
Pulse Width	1-30ns
Min Line Width	0.01-0.02mm
Repeatability	±0.002mm
Marking Speed	3000-12000mm/s
Marking Area	100*100/200*200/Customization
Chilling way	Water Chilling
Power input	220V/110V±10%, 50/60Hz

Optional Cabinet



Optional Fixture

