



Riselasers

深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

Metal and Non Metal UV Laser Marking Machine

UV Laser Marking Machine Features

- 1.Ultraviolet lasers have the advantage of limiting thermal stress that other lasers do not.This is because most UV laser systems operate at low power levels.
- 2.By using a process sometimes called "cold ablation", the laser beam produces a reduced thermal impact zone that minimizes the impact of flanging, carbonation, and other thermal stresses that are usually present in higher power lasers.
- 3.The ultraviolet laser beam can be 10-20 degrees Celsius

Technical Parameters of UV Laser Marking Machine

Laser Source	UV Laser
Output Power	3W, 5W
Wavelength	355nm
Beam Quality	<2
Repeat Frequency	10khz--- 100khz
Pulse Energy	2mJ
Beam Divergence	-0.3 to +0.3mrad
Laser Class	IV
Resolution	18μ
Repeatability	50μ
Marking Scope	50*50mm 100x100mm
Linear Speed	800 character/ s
Marking Linear Speed	≤12,000mm/s
Marking Depth	Max. 1.0- 1.5mm (hard steel)
Min. Line Width	0.012mm
Min. Character Size	0.15mm
Repeat Accuracy	±0.003mm
Input Power	0.5kw
Electrical Source	220V / Single-Phase Circuit / 50/60Hz /4A

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Machine Structure



UV Laser Marking Machine Applicable Industries

1. Plastic parts such as air binding
2. Gold plating, silver and other surface marking
3. Daily necessities (beverage packaging, food packaging)
4. Marking of cables and cables
5. Various pipe surface marks
6. Flexible materials and carbon fiber cutting (the material thickness is only 200um)

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UV Laser Marking Samples



Our Company



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Riselaser Technology Co., Ltd. is a highly integrated enterprise which specializes in laser products, laser cutting machine, laser engraving machine, laser welding machine, etc. Manufacturer and processing international sales and domestic sales. The company was founded in 2015. As a modernized enterprise with high technology and mature sales channel, we have solid financial base and great capability for production, research and development.

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