

Equipment Name	UV Laser Marking Machine
Specification	
Brand	Juguangheng
Model of machine	JGH-102
Laser wave length	355um
Machine Size	L:65cm W:80cm H:155cm(Cooling box is: L:29cm W:56cm H:41cm)
Laser Power	1W/3W/5W/7W/8W
Marking Range	100x100mm、150x150mm(optical)
Marking Speed	250 characters/s (Rome font, 1mm high letters)
Optical Quality	<2
Q Repetition Frequency	8KHz-15KHz
Mark Minimum Character	0.2mm
Mark Minimum Line Width	0.01mm
Repeated Accuracy	±0.003mm
Total Power Consumption	<1.5KW
Power Demand	220V / 50Hz / 10A



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## Product Introduction

3W ultraviolet laser marking machine belongs to the series of laser marking machines. The difference is that it was inspired by 355um ultraviolet laser machine. The machine adopts the third order intracavity frequency doubling technique, compared to the infrared laser, minimal focal spot 355 nm light, can largely reduce the material deformation and mechanical processing heat affected small, mainly used for super fine large table, sculpture, especially suitable for used in food, medicine packaging material marking, micro porous, glass material of high speed divided and complex graphics on silicon wafer cutting and application field.

## Applied Range

Ultraviolet laser marking machine with its unique small power laser beam is given priority to, especially for high-end market in fine processing, cosmetics, medicines, video, and other packaging bottles of marking on the surface of polymer material, fine effect, tag clean and firm, is better than that of printing ink and pollution-free; Flexible PCB board marking, scribing; Silicon wafer microporous and blind hole processing; LCD liquid crystal glass two-dimensional code marking, glassware surface drilling, metal surface coating marking, plastic key, electronic components, gifts, communication equipment, building materials and so on.

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