UV Laser Marking Machine Series
(Model : MUV-3/5   )

USAGE

The machine employs the imported UV laser and imported high-speed galvanometer as its central devices. It is widely used for metal or nonmetal's surface marking to make up for the lack of IR Laser's processing ability. The main applicable materials are electronic products shell marking, battery charger, data line, mobile phone, computer fitting marking, electronic components, jewellery, horologe marking, PCB, FPC marking and cutting, Glass product marking, metal, alloys marking and plastics material's marking, etc.
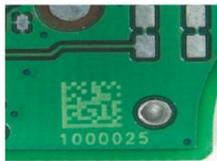
 ADVANTAGE

1)Hyper-fine Laser marking base on Imported UV Laser's good light beam quality and small focusing spot.

2)Good processing effect and wide applicable material type base on mild heat-affected of UV Laser marking.

3)High processing accuracy, high marking speed and good stability base on imported high-speed galvanometer.

4)Convenient Operation：Convenient data processing with dedicated laser marking software. Interface is simple and friendly, easy operation.

5)Available support file format: PLT、DXF、AI、SDT、BMP、JPG、JPEG、TGA、PNG、TIF、TIFF, etc.

6)Support one-dimensional code and two-dimensional code marking such as Code39，EAN，PDF417，DATAMATRIX, etc.

7)Option function: marking-on-the-fling, rotary marking and X,Y 2D platform.

APPLICATIONS

It is widely used for consumer electronic products, electronic components, jewellery, horologe, Food and beverage packaging,medical packaging, PCB/FPC, glass container, etc.

| Marking on PCB | Electronic　Components | Watch and Related Parts | Marking on Plastic Parts |

| Marking on FPC | Marking on Jewelry | Marking on Glass Product | Automotive Electronic |

TECHNICAL PARAMETER

Specifications of UV Laser Marking Machine		
Model	MUV-3	MUV-5
Laser type	Imported UV Laser	
Laser power	3W	5W
Laser wavelength	355 nm	
Laser frequency	300-100 kHz	
Laser power stability	$\leqq$5% rms	
M^2 beam quality	$\leqq$1.3	
Laser cooling method	Air Cooling	
Marking speed	$\leqq$6000 mm/s	
Marking area	Stand marking size: 100 mm × 100 mm; Optional marking size: 50 mm × 50 mm~200 mm × 200 mm.	
Minimum line width	0.01 mm	
Minimum character	0.1 mm	
Repetitive of positioning accuracy	0.003 mm	
Ambient temperature	15℃-35℃	
Ambient humidity	10%-85%RH, Non-Condensing	
Power Supply	220V/50Hz	
Power of machine	800W	
Total weight	170kg	
Software language	Chinese,English,Japanese,Korean	
Font Format	Support true type, JSF, SHX,DMF	
Support bar code format	One-Dimension code:CODE39, CODE93,CODE128,ENA standard, EAN-128; Two-Dimension code: DataMatrix, QRcode, PDF417, micro QRcode	
Support file format	BMP,JPG,PNG,TIF,GIF,TGA,DXF,AI,AST,PLT	
Special custom functions	Rotating marking function(marking while rotating); Flying marking function(marking while conveyor belt moving); Add X/Y axes motion platform; Automatic loading and unloading.	