

CO2 Laser Marking Series

(Model : MC-15/25/30)



USAGE

The machine employs the imported CO2 laser and imported high-speed galvanometer as its central devices. It is widely used for nonmetal's surface marking, such as food and beverage packaging, plastic devices, PCB, electronic components, craftwork, burden distribution, leathers, buttons, papers, wood, organic glass and ceramic marking, etc.

ADVANTAGE

1. High Laser power stability, good light beam quality, air-cooling, maintenance free, long using life by imported CO2 Laser.
2. High processing accuracy, high marking speed and good stability base on imported high-speed galvanometer.
3. Convenient Operation : Convenient data processing with dedicated laser marking software. Interface is simple and friendly, easy operation.
4. Available support file format: PLT、DXF、AI、SDT、BMP、JPG、JPEG、TGA、PNG、TIF、TIFF, etc.
5. Support one-dimensional code and two-dimensional code marking such as Code39,

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EAN, PDF417, DATAMATRIX, etc.

6. Option function: marking-on-the-filing, rotary marking and X.Y 2D platform.

APPLICATIONS

It is widely used for food and beverage packaging, medical packing, consumer electronic products, instruments, building ceramics, clothing accessories, advertisement nameplate, artware, etc.



電子產品外殼
Electronic
products shell



服裝皮革
Clothing leather



廣告銘牌
Advertisement
nameplate



電子零部件
Electronic
component



建材電子
Building
materials



工藝品
Artware



衛浴廚具 bath-sanitation
and cooking utensil
products



食品飲料包裝
Food and beverage
packaging



TECHNICAL PARAMETER

Specifications of CO ₂ Laser Marking Machine		
Model	MC-10	MC-30
Laser type	Imported CO ₂ Laser	
Laser power	10W	30W
Laser wavelength	10.6μm ,10.2μm,9.3μm Optional.	
Laser frequency	1 - 20kHz	
Peak Power Stability	≅ 5% rms	
M ² Beam Quality	≅ 1.3	
Laser cooling method	Air Cooling	
Marking speed	≅ 6000 mm/s	
Marking area	Stand marking size: 100 mm × 100 mm; Max marking size: 200 mm × 200 mm.	
Minimum line width	0.07 mm	
Repetitive of positioning accuracy	0.001 mm	
Ambient temperature	5℃-40℃	
Ambient humidity	10%-85%RH, Non-Condensing	
Power Supply	220V/50Hz	
Power of machine	600W	800W
Total weight	170kg	
Software language	Chinese,English,Japanese,Korean	
Font Format	Support true type including 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.	