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One Stop Solution For AD signs

4" x 4" (100mm x 100mm) Flying Green Laser Subsurface Engraver & Surface Marker

Item Code: LMM -FEM-G3005



FOB Price: **\$44,026/set**

Mini Order: 1 set

Average Rating: 1b (kg)

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Overview



Main Configuration Information:

Combined with our product information track management software, it is the best weapon against counterfeits and cross region sale!

No need to change the semiconductor module during 3-5 years, 2000-4000 bottles per hour processing capacity.

Adopt imported components of Euro & USA

Max Marking Range: 100*100mm(static state)

Min. letters: 2mm

Repeat Accuracy: $\pm 0.001\text{mm}$

50kHz repeat frequency

Standard equipment Main machine

PC (including dot cloud conversion software and engraving controlling software)

User manual

Protect glass

Other accessories

Graphic disc (1000 3d pictures)

Application:

Glass packaging products, such as Wines, food, drinks, medicine etc.,. Anti-counterfeiting code, Anti-Channel Conflict code, region code, and winning number inner engraving.

This machine is more suitable for the subsurface or surface of glass engraving(such as: hard drink glass bottle, mobile key press, cell phone screen, LCD screen, optical components, optical lenses, car glass, etc). At the same time applied to the most of metal and nonmetal materials, processing surface lining or engraving on glass, crystal, and coating film marking process, as: deep processing of Solar photovoltaic cells glass, etc.

Product Highlights:

- . Subsurface Engraving the security code or regional code in the body or bottom side of the bottle. Can not removed by medicinal liquid or grinding wheel, only damaged glass bottle you can get rid of the mark! Truly deep permanent security!
- . On-line full-auto laser marking, it only requires one time investment with low maintenance cost and long-term benefit, no need to change the semiconductor module during 3-5 years, 2000-4000 bottles per hour processing capacity.
- . Letters, numbers, drawings such as anti-counterfeiting code, Anti-Channel Conflict code, logistics information code, production date etc. Could be laser subsurface engraved into `transparent` bottle wall in the automatic packaging line through opto-mechatronics laser controlling technology to obtain smooth wine surface without damage. Combined with our product information track management software, it is the best weapon against counterfeits and cross region sale!
- . The wavelength of LMM-FEM-G3005 Green Laser Subsurface Engraving & Flying Surface Marking Machine is 532nm green laser. After focus, it has the smaller focus, become more powerful, higher conversion of the electron & laser.

Warranty and Aftersales Service:

- . The warranty is valid for 1 year from `the` goods' arrival at Destination Port.
- . If there is standard part breaks with quality problem within warranty, buyer mail seller the broken part, seller will send a new part to buyer soon and guide buyer how to change it as has been taught in training.
- . If Buyer wants Seller's engineer to give training, maintenance or other technical support outside Seller's company, Buyer shall afford the traveling cost, lodging and accommodation of our engineer, and the service of engineer is free.
- . User-friendly English manual for machine using and maintaining.

Samples:



Details

Engraving Precision	0.0001" (0.005mm)
Support Image Format	PLT, AI, DXF, BMP

Effective Engraving Area	3.9" x 3.9" (100mm x 100mm) (static state)
Max. Engraving Speed	315.0" (8m)/min@ (simplex, 3 characters 3mm high)
Laser Power	5KW

Specifications

Model	LMM- FEM-G3005
Laser Medium	Semiconductor module (can work more than 20000 hours)
Max. Laser Average Power	5W
Laser Wavelength	532nm
Quality of the Laser M2	< 1.5
Repeat Frequency	750kHz
Standard Engraving Scope	100mm*100mm(static state)
Marking Depth	70.1mm
Linear Speed	8 meters/min@ (simplex, 3 characters 3mm high)
Minimum Character	0.08" (2mm)
Repeat Accuracy	±0.001mm
Input Power	1KW
Number of Laser Heads	1
Control System	Servo control system Galvanometer Scanner, Technology, DSP, 3D
Cooling System	Semiconductor Cooling
Spare Parts	No
Continuous Working Time	12hrs
Electrical source	220V/single-phase/50HZ/10A
Dimension of main machine	44.7" x 25" x 51.6" (1135 x 635 x 1310mm)
Dimension of cooling system	26.4" x 11.8" x 18.7" (670 x 300 x 475mm)

Tags

[4" x 4" Flying Green Laser Subsurface Engraver & Surface Marker](#) [Laser Engraving Machine](#)



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