

MATRIX LASER

# UV LASER MARKING MACHINE

Unleash Precision and Power



MXL-UV-3W

*Authorized Dealer*

**DIGITAL STAR QATAR**  
ديجيتال ستار قطر

## Source of Digital Solutions...

Digital Star Qatar has been leading the digital scene in Doha for over 10 years, as suppliers and distributors of signage, advertising and LED solutions. Our commitment to providing the best quality machinery and top-notch technology from around the world has enabled us to set new and improved standards in sign and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking exhaustive custom and wholesale solutions. From sign makers, digital print houses, POS/POP makers, retail fit-out companies, to exhibition stand builders, construction companies and glass and aluminum fabricators industries, we promise to take your business to unprecedented levels

About Us



MXL-UV-3W

## PRODUCT OVERVIEW

UV laser marking machine is based on its unique low-power laser beam, especially suitable for the high-end market of ultra-fine processing, such as flexible pcb board marking, cutting: silicon wafer microhole, blind hole processing :LCD liquid crystal glass two-dimensional code marking, glass surface marking, metal surface coating marking, plastic keys, electronic components, gifts, communication equipment, etc. At the same time, the UV laser marking machine has the characteristics of ultra-high peak power and very little thermal effect, so it is very suitable for alumina and zirconia ceramic drilling and cutting, and the plastic shell does not damage the surface permanent identification, replacing the screen printing effect.

## ADVANTAGE

- **PORTABLE**

Small size, can be placed on the desktop work. Easy to carry, can be placed in the trunk of the car.

- **ENVIRONMENTAL PROTECTION**

Environmental protection, safety, UV laser marking machine does not produce any harmful chemicals to the human body and the environment, is environmentally friendly technology products.

- **RELIABLE EQUIPMENT**

UV laser marking machine has a mature industrial design, stable and reliable performance, can work continuously for 24 hours, wide temperature adaptation range (5°C -45), widely used in a variety of industry assembly line production fields.

- **GOOD USE EXPERIENCE**

UV laser marking can print a large amount of data in a very small range, laser can be marked with a very fine beam on the product material itself, even in the 1mm-1mm processing range can also print documents with high precision, accurate control, clear interpretation of the printing content, has a strong market competitiveness, and environmental protection and safety, for the operator is also a kind of intimate protection, ensure the production site clean and tidy, reduce late investment, reduce noise pollution.



ACRYLIC



LEATHER



WOODWORK



CERAMIC TILE

# PRODUCT SPECIFICATION

Model	MXL-UV-3W
Wave Length	355nm
Repetition Rate	10k Hz to 150KHz
Pulse Width	≤ 12ns @30KHz
Average Power	> 3W @30KHz
Average Power Stability	< +3% Over 24 hours
Spot Mode TE	TEM00( M2 < 1.2)
Beam Diameter	0.7mm
Spot Roundness	> 90%
Pointing Stability	< 50urad
Polarization Direction	Horizontal
Polarization Ratio	100:1
Machine Power	600W
Cooling Mode	Air- cooling
Supported Formats	PLT.DXF.BMP
Support System	Win7/Win10
Machine Size	500*330*580mm
Working Area	150*150mm
Maximum Height (Material)	100mm
Focal Length	210mm
N.Weight	20Kg

\*Specifications are subject to change without prior notice, all rights reserved.

## Terms and Conditions

1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details:

Bank Name	Branch	Beneficiary Name	Acc #	Swift Code
Qatar Islamic Bank	Al Khour Branch	Digital Star Qatar	0111453200015	QISB - QAQA
IBAN: QA16QISB000000000111453200015				

4. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of loading, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.
9. The warranty will be 12 months from the date of installation from Digital Star Qatar. Wear and tear, consumables are exempted and warranty can be claimed only if you use Services from Digital Star Qatar.
10. Service will be free of cost within 12 months from the date of installation.
11. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
12. Delivery: As mentioned in quotation

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