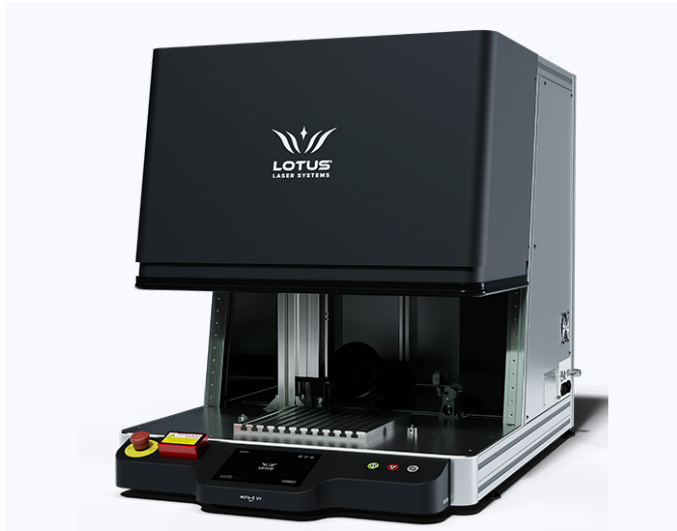




Product Sheet

Lotus Meta-C UV

Category: UV laser

Meta-C UV – Marks everything with unbeatable precision

Lotus Meta-C UV is an advanced UV laser built for industrial marking on almost any material – fast, accurate and without compromise. With 3D functionality as standard and a robust Meta-C chassis, you get a flexible and durable solution that delivers the highest marking quality. Perfect for demanding environments where versatility and reliability are a must.

- Marks on almost any material
- Flexible focusing
- Stable & precise working surface

Product description

Lotus Meta-C UV

The Meta-C UV is one of the first commercially available UV laser marking machines and has the ability to mark on almost anything.

It is specifically designed to serve commercial and industrial sectors and is built with a Meta-C chassis, giving it an estimated lifespan of over 15 years. This machine can handle a wide variety of materials, giving you maximum freedom in your work.

The machine is equipped with an aluminium work table, 350 mm x 350 mm, which allows for quick mounting of accessories and perfect repeatable positioning of your parts.

With the help of the 3D function, you can mark curves on objects ten times faster than with traditional mechanical rotating devices. This function is included as standard. In addition, three F-Theta lenses are included as standard, offering different focal lengths, scanning areas and focus point sizes, further extending the versatility and efficiency of the machine.

Description:

- Marks on almost any material – Perfect for metal, plastic, glass, wood, PVC, ceramics and more.
- Flexible focusing – "DFGL" Dynamic Focus Galvo Laser adapts to the contours of the object with a focusing capacity of up to 35 mm.
- 1 lens included – Three selectable F-Theta lenses with different focal lengths for customised marking.
- Built for longevity – Meta-C chassis with an estimated lifespan of over 15 years.
- Stable & accurate work surface – Aluminium work table (350 mm x 350 mm) for quick assembly and repeatable positioning.

Technical Specification

Machine Specifications	
• Laser source	ELI-X17 Mopa fibre
• Dimensions (W x D x H)	790 mm x 1175 mm x 948 mm
• Laser head	3D Laser Head (3-axis) DFGL Galvo
• Wave length	355 nm
• Laser power	5 W, 10 W or 15 W
• Lens Marking Area (x/y)	F160 75×75 mm, F254 155×155 mm, F330 195×195 mm, 1 optional lens included
• Accuracy	1 m (0.001 mm)
• Speed	10,000/s
• Z-axis movement	368 mm
• Table surface	T-slot table 350x350 mm
• Maximum object weight	45 kg
• Round engraving max object diameter	230 mm
• Class	CE marked Class 2
• Cooling system	Water
• Materials	Metal, plastic, glass, wood, PVC, ceramics, resin, etc.
• Warranty	3 years on the machine, 2 years on the UV laser source