

Product Sheet

LaserEvo UV laser

Category: UV laser

UV laser – Permanent marking for demanding applications

With its short wavelength and minimal heat impact, UV laser delivers extremely precise and durable markings on sensitive materials. The markings are resistant to wear, chemicals and external influences – perfect for electronics, medical technology and the automotive industry. A premium solution for sharp QR codes, serial numbers and detailed logos where quality is crucial.

- Extreme precision & high readability
- Permanent and durable marking
- Minimal heat impact

Product description

UV lasers – High-precision marking with superior quality and durability

Our UV lasers represent state-of-the-art technology for marking that requires extreme precision and durability. With its shorter wavelength (355 nm), UV laser creates high-quality, easy-to-read markings with minimal heat impact, making it ideal for sensitive materials.

UV laser marking offers unmatched resistance to wear, chemicals and environmental influences, ensuring that the marking remains clear and legible for a long time. Perfect for industries where marking must be permanent and high-contrast, such as electronics, automotive and medical technology.

UV lasers work on a wide range of materials, including plastic, glass, ceramics and coated surfaces. Whether you need precise marking of barcodes, QR codes, serial numbers or detailed logos, UV lasers deliver sharp, permanent marking of the highest quality.

Description

- Extreme precision & high readability – Perfect for detailed patterns, barcodes and QR codes.
- Permanent and durable marking – Resistant to chemicals, abrasion and environmental influences for long-lasting durability.
- Minimal heat impact – Ideal for sensitive materials such as plastic, glass and ceramics.
- Wide material support – Marks plastic, glass, ceramics and coated surfaces without damaging them.
- High operational reliability – Low energy consumption and minimal maintenance ensure cost-effective operation.

Supported file formats

- Vector: .ai, .dxf, .plt, .svg

Marking materials

- Plastic
- Glass
- Ceramic
- Coated materials

Technical Specification

Machine Specifications	
• Laser source	UV laser
• Wave length	355 nm
• Effect	5W, 10W, 15W
• Cooling system	Air-cooled
• Power supply	230 V, 50/60 Hz
• Power consumption	400W
• Marking area (X/Y)	110×110 mm (with 163 mm marking area), optional 175×175 mm (with 254 mm marking area)
• Communication	Serial connection, TCP/IP, import of data from .txt or .xls
• Handling	Date codes, time stamps, serial numbers, barcodes, QR codes, DataMatrix