

IRYS 11W



A unique
BLUE
Laser
GALVO
Marking
System

- TEXTILE DECORATING & CUTTING
 - HIGH-SPEED TRACEABILITY MARKING (LABELING of INDUSTRIAL PALLETS)
 - SOLDERING OF PCB COMPONENTS
 - DIRECT MARKING ON ORGANIC MATERIAL (TISSUE, LEATHER, FOOD)
 - METAL ABLATION
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- Valid substitute to CO2 lasers: much less power required for same processing
 - Sharp trace, symmetrized spot shape
 - Extremely compact & low cost
 - Ease of integration
 - Very high processing speed
 - No consumables



The latest laser marking technology

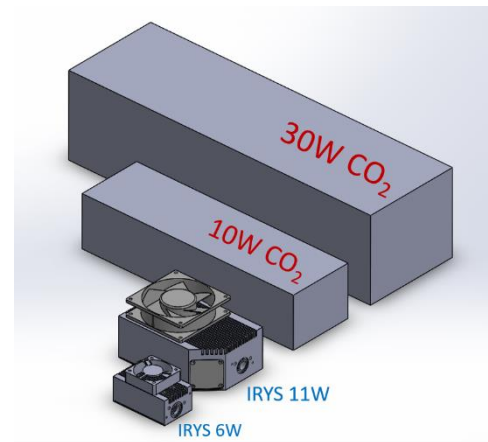
IRYS 11W is an extremely compact laser marking system suitable for a variety of applications, from direct marking on organic materials (tissue, leather) to very high-speed traceability marking (as industrial pallet labelling and security marking for packaging and pharma), up to variable-geometries soldering of PCB components and wire soldering on power electronics components.

Thanks to the stronger absorption of **BLUE 450nm** radiation by the typical materials processed with CO₂ lasers, our IRYS 11W system can be a valid substitute to 10.6µm radiation with much less power required for the same processing. With its very high processing speed, IRYS 11W can be compared to a state-of-the-art 30/50W CO₂ marking system, but with about one-tenth of volume occupancy (see image below), thus making integration incredibly simple and efficient.

Technical Specifications

Technology	Direct Diode
Wavelength	445nm +/-5nm
Output Power	11W
Operating Current	1.9A
Operating Voltage	100-240VAC ; 50/60Hz
Marking Area	140x140mm ²
Aiming Beam available	640nm
Laser Module Dimension	148x100x85.5 mm ³
Rack dimension	210x155x130 mm ³
Cooling	Air

Includes	OEM Blue Laser Head Power Supply Unit Control Board and Marking Software Scan Head with F-theta Lens
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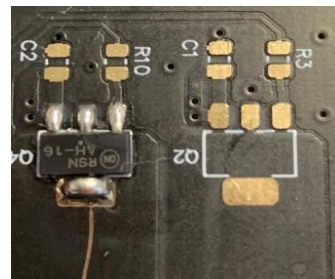


Available as OEM laser source to full Marking System

- * Conditions unless otherwise stated: typical parameters at 25°C ambient temperature.
- * Reliability impacted if operating point deviates from reference condition



Labeling & Traceability



PCB components soldering



Textile Decorating



Metal Marking

CONTACTS

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