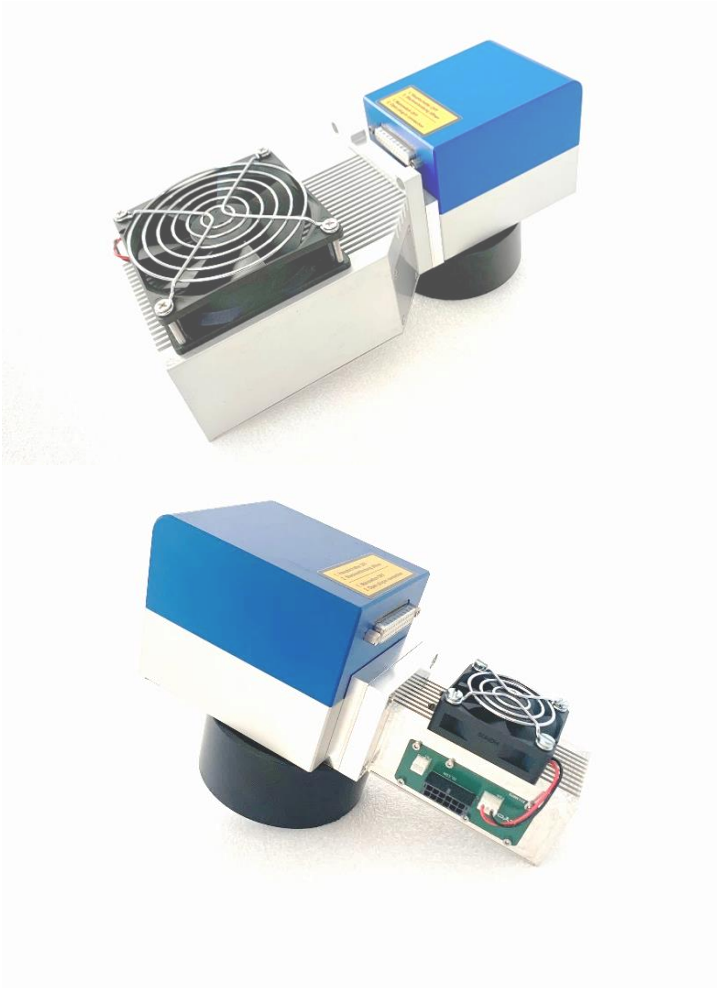


## IRYS 6-11W



A unique  
**BLUE**  
Laser  
**GALVO**  
Marking  
System

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



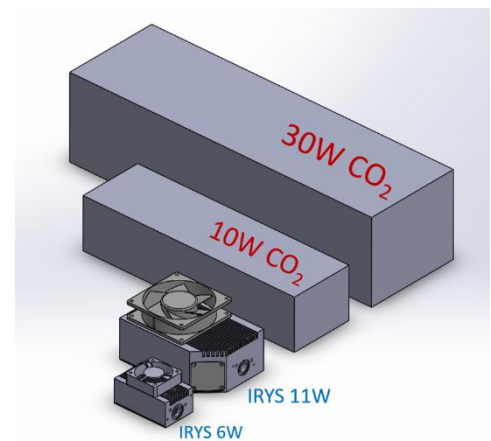
## The latest laser marking technology

**IRYS 6-11W** 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 CO<sub>2</sub> lasers, our IRYS 6-11W 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 6-11W can be compared to state-of-the-art 10/30/50W CO<sub>2</sub> marking systems, 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	6-11W
Operating Current	1.9A
Operating Voltage	100-240VAC; 50/60Hz
Marking Area	120x120mm <sup>2</sup>
Aiming Beam available	640nm
Laser Module Dimension	85x50x36 mm <sup>3</sup> 148x100x85.5 mm <sup>3</sup>
Rack dimension	210x155x130 mm <sup>3</sup>
Cooling	Air
Includes	OEM Blue Laser Head Power Supply Unit Control Board and Marking Software Scan Head with F-theta Lens



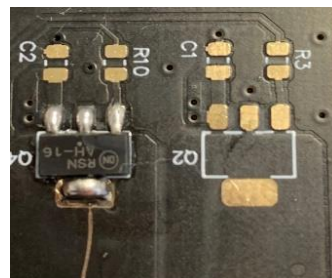
Available as OEM laser source to full Marking System

\* 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



Food Branding

## CONTACTS

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