

LaserWrite™ micro

Marking, Etching, Engraving, Annealing of complex shapes & materials

Introducing our leading-edge multi-axis marking solutions, using world-leading laser technology and automation

Fixture-free 3D marking, engraving and etching of materials with logos, serial numbers, images and 2D codes has never been easier.

Intuitive software compliments options such as part automation, SMT line integration, extracts, PC, barcode readers. A selection of laser wavelengths and powers to ensure you get the right solution for the task in hand to tackle complex shapes.



KEY ADVANTAGES

- Intuitive set-up and operation
- CA/CE Approved Class 1 Laser Safe Enclosure
- Highly Versatile Fixture-Free Marking, Engraving and Annealing

METAL MARKING & PROCESSING



White & Black-oxidised marking: Aluminium Coating

RESIN MARKING & PROCESSING



Contrast Marking: Resin Case

BLACK-COLOUR MARKING



ETCHING



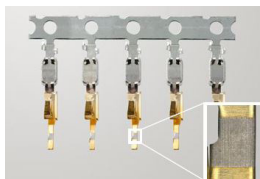
Marking can be performed in which only the surface of the target is etched.



Damage-free Marking - Carbon Tool



Damage-free Marking: Mould Package



Thin Film Processing: Metal Plated Connectors



Coating removal: Switches for automotive instrument panes

MARKING TYPES



To find out more visit opteksystems.com

Provisional_DS10/1

 **OPTEKSYSTEMS**
A HUMANETICS COMPANY

SPECIFICATIONS

Chassis Dimensions WxDxH (mm)	600x450x550
Marking Area (mm)	Min Marking Area (mm) 50x50x30 Max Marking Area (mm) 330x330x42
Supply Voltage	240V, 120V
Extract	50 mm Port (Left or Rear)

SPECIFICATIONS

	WL	POWER	AREA	WD	APPLICATIONS	
Laser	1.064um (YVO)	25W	125 x 125 x 42	189	Black Marking, Carbide Tools, Metal Plated Connectors, Automotive Switches	
			330 x 330 x 42	300		
		13W	125 x 125 x 42	189		
			330 x 330 x 42	300		
	1.090um (Yb)	50W	125 x 125 x 42	168		Metals, Resins, Ceramics, Thin Films
			300 x 300 x 42	300		
		30W	125 x 125 x 42	168		
			300 x 300 x 42	300		
	10.6um (CO2)	30W	50 x 50 x 4	92	Cartons Bottles, PCBs, Cermics, Name plates, Air Filters	
			120 x 120 x 42	189		
			300 x 300 x 42	300		
		20W	50 x 50 x 4	92		
120 x 120 x 42			189			
300 x 300 x 42			300			
Options	Extract					
	PC & Arm					
	Mobile Chassis					
	2D code reader					
	Z-Stage					
	Rotary Axis					