LaserWrite™ mini

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. The LW mini is a larger system with increased part loading area. It includes an integrated touchscreen HMI with added interlocks for ease of operation.

KEY ADVANTAGES

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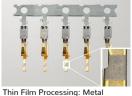- Highly Versatile Fixture-Free Marking, Engraving and Annealing
- CA/CE Approved Class 1 Laser Safe Enclosure

METAL MARKING & PROCESSING

White & Black-oxidised marking: Aluminium Coating

Damage-free Marking - Carbon Tool

Thin Film Processing: Metal Plated Connectors

RESIN MARKING & PROCESSING

Contrast Marking: Resin Case

Damage-free Marking: Mould Package

Coating removal: Swtiches for automotive instrument panles

BLACK-COLOUR MARKING

ETCHING

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

MARKING TYPES

To find out more visit **opteksystems.com**

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	Chassis Dimensions WxDxH (mm)	800x650x1100
	Marking Area (mm)	Min Marking Area (mm) 50x50x30 Max Marking Area (mm) 330x330x42
	Supply Voltage	240 V 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 42	300	
		13W	125 x 125 x 42	189	
			330 x 330 x 42	300	
			50 x 50 x 30	100	
	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				
	Manual Z-Stage				
	Rotary Stage				

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