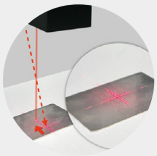
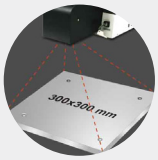
GCC LASER MARKER
STELLARMARK 3DS
FAST PRODUCTION LINE INTEGRATION

LASER MARKING









| OVERVIEW |

StellarMark 3DS Laser Marker series is integrated with a 3D scan head, which allows users to process round/ cylinder objects with ease. The scan head provided with a 300x300mm working area and the focus range is 100mm.

The system is an all-in-one designed (only for 20W/30W), allowing easier and fast integration into the production line to meet every customers' needs.

| KEY FEATURES |

- 3D Scan Head
- All-in-one Design
- 200 x 200 mm & 300 x 300 mm Working Area
- Emergency Stop
- Key Switch
- 2-Point Focus Tool

| OPTIONAL ITEMS |

- Rotary Attachment - Marker
- MultiFOCUS
- LFC D Desktop Workstation
- EZ Stand

Dimensions

Laser Marker	L 760 x W 210 x H 220 mm
Laser Housing	L 383 x W 318 x H 120 mm
Working Area	200 x 200 mm (3DS200)
Working Area	300 x 300 mm (3DS300)

Specifications

StellarMark 3DS JML Model		3DS200-30JML	3DS200-60JML	3DS300-30JML	3DS300-60JML
Laser Source	Wavelength	1,064 nm			
	Type	Fiber Laser			
	Output Power	30W	60W	30W	60W
	Cooling	Air-cooled, no water chiller required			
Spot Size		0.041 mm		0.067 mm	
Max. Linear Marking Speed		3,000 mm/s			
Max. Marking Speed		6,000 mm/s			
Focal Distance		285 mm			
Focus range in z direction		100 mm			
Electrical Requirement	Power Supply	AC Auto Switching 115V / 230V, 50-60 Hz/ single phase			
	Power Consumption	740W			
Laser Marker Weight		16.0 Kg			
Laser Housing Unit Weight		12.7 Kg			
Operating System		Microsoft Windows 10/11 (32/64 Bit) (Desktop or Laptop PCs)			
Environment	Temperature	15°C - 35°C			
	Humidity	10 - 80%, Non Condensing			
Safety		Class 4 (EN60825-1 Class 1 available with safety shield LFC D) 2006/42/EC Machinery Directive) 2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive			

Model No.	3DS200-30JML	3DS200-60JML	3DS300-30JML	3DS300-60JML
Working Area	200 x 200 mm		300 x 300 mm	
Spot Size	0.041 mm		0.067 mm	
Working Distance	245 ± 2 mm		285 ± 2 mm	
Repeatability**	0.04 mm		0.04 mm	

**Speed does not equal to throughput. See dealer or visit www.gccworld.com for more details.*
*** File transmission at USB 2.0 Full Speed rate.*

flamefast | EDUCATION
Engineering Equipment for Education

* Images are for reference only and may differ from the final product
** Flamefast reserves the right to change product specification without prior notice

FE-2024-V1

Flamefast UK Ltd is accredited by:
T: 01925 281 230 • E: sales@flamefast.co.uk
W: www.flamefast.co.uk