

## StellarMark 3DS 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			
Working Area		200 x 200 mm		300 x 300 mm	
Spot Size		0.041 mm		0.067 mm	
Max. Marking Speed		6,000 mm/s			
Focal Distance		285 mm			
Focus range in z direction		100 mm			
Electrical Requirements	Power Supply	AC Auto Switching 115V / 230V, 50-60 Hz/ single phase			
	Power Consumption	740W			
Dimensions	Laser Marker	L 760 x W 210 x H 220 mm			
	Laser Housing Unit	L 383 x W 318 x H 120 mm			
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			

## Scan Lens Specifications

StellarMark 3DS				
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	



Above specifications are subject to change without further notices. See dealer or visit <http://www.GCCworld.com> for more details.

All above spot size will be material dependent.

\*According to theoretical calculation

\*\*The test is 8-hour continuous firing with power level at 30% using a 60JML



Authorized Dealer



[www.GCCworld.com](http://www.GCCworld.com)



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- ▶ 3D scan head which can support curve/cylinder objects marking.
- ▶ Fiber laser available in 30W / 60W configurations.
- ▶ 200 x 200 mm and 300 x 300 mm working area to meet your application needs.
- ▶ Indispensable MM3D software support 1D, 2D, text, logo marking.
- ▶ Compatible for LFC D (desktop workstation)

Laser Marking System

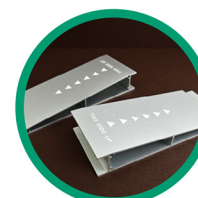


## StellarMark 3DS Series

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 200 x 200 mm or 300 x 300 mm working area and the focus range is 100 mm.



## Applications



Sloped Objects



Object with Steps



Tumbler



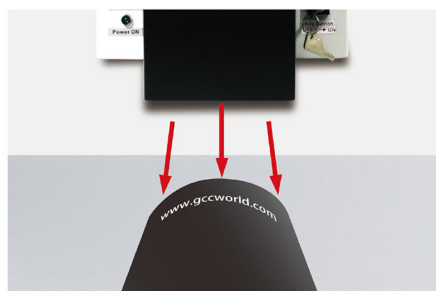
Product Label



Sloped Objects

### 3D Scan Head

A 3-axis scan head is included for the best marking solution for round/cylinder objects.



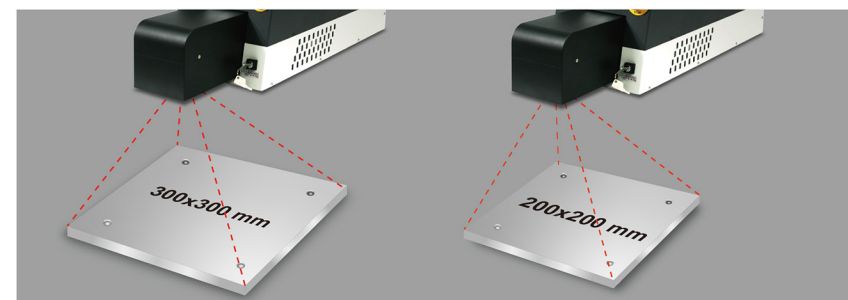
### Emergency Stop

A red button located on the front of the machine allows operators to stop the laser and AC power immediately for greater safety.



### 200 x 200 mm & 300 x 300 mm Working Area

Standard 200 x 200 mm or 300 x 300 mm working area that helps you process large objects and allow you for more applications.



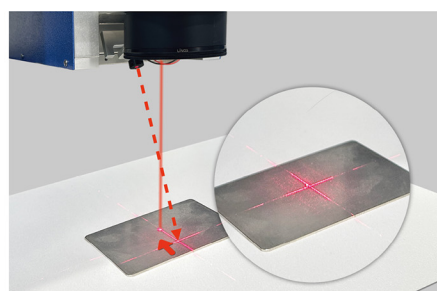
### Key Switch

The safety feature enables the manager/owner to keep the machine locked in a specific mode to avoid tampering.

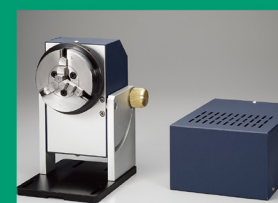


### 2-Point Focus Tool

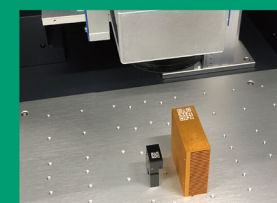
Two red beams assist the user in accurately setting the focus distance.



## Options



Rotary attachment



MultiFOCUS



LFC D