

StellarMark 3DS Specifications

		3DS Series		
Model No.		3DS-20JFL	3DS-30JFL	3DS-50JFL
Laser Type	Wavelength	1064 nm		
	Type	Fiber Laser		
	Output Power	20W	30W	50W
	Cooling	Air-cooled, no water chiller required		
Working Area		300 x 300 mm		
Spot Size		0.067 mm		
Max. Linear Marking Speed		6,000 mm/s		
Max. Marking Speed		12,000 mm/s		
Focal Distance		285 mm		
Focus Range in the Z-direction		100 mm		
Electrical Requirements	Power Supply	AC Auto-Switching 115V / 230V, 50-60 Hz/ single phase		
	Power Consumption	740W		
Dimensions (L x W x H)	Laser Marker	760 x 210 x 220 mm	760 x 210 x 220 mm	
	Laser Housing Unit	N/A	383 x 318 x 120 mm	
Laser Marker Weight		20 Kg	16.0 Kg	
Laser Housing Unit Weight		All in one designed	All in one designed	12.7 Kg
Operating System		Microsoft Windows 7(32/64 Bit) / 8(32/64 Bit) / 10(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 and LFCII and LFC D) 2006/42/EC Machinery Directive 2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive			



Scan Lens Specifications

Specifications	StellarMark 3DS
Model No.	300
Working Area	300 x 300 mm
Spot Size*	0.067 mm
Working Distance	285 ± 2 mm
Repeatability**	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 60JFL
 Δ Specifications are subject to change without prior notice



Authorized Dealer



- ▶ 3D scan head which can support curve/cylinder objects marking.
- ▶ Fiber laser available in 20W / 30W / 50W configurations.
- ▶ Easy integrate with the product line thanks to the all-in-one design (only 20/30W).
- ▶ 300x300 mm working area to meet your application needs.
- ▶ Indispensable G-Mark software support 1D, 2D, text, logo marking.
- ▶ Compatible for LFC II, and LFC D (desktop workstation)



www.GCCworld.com

GCC Headquarters 4F-1., No.236, Fude 2nd Rd., Xizhi Dist., New Taipei City 22151, Taiwan 886-2-6616-6692 Fax : 886-2-2694-6875
 GCC China No.1, Chen Feng Road, Yushan, Kunshan, Jiangsu 215300, China 86-512-5726-1515 Fax : 86-512-5726-1518
 GCC Europe B.V. Eglantierbaan 43-45, 2908 LV, Capelle a/d IJssel, The Netherlands 31-10-458-9367
 GCC America, Inc 20453 E Valley Blvd. Walnut, CA 91789, USA 1-909-718-0248 Fax : 1-909-718-0251
 US & Canada Only Toll Free: 1-888-284-5211

StellarMark 3DS Series

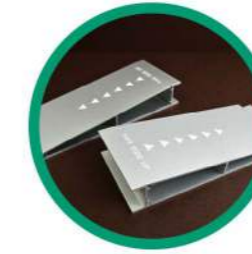
StellarMark 3DS series is integrated with a 3D scan head, which allows users to process round/cylinder objects with ease. The scan head provided with a 300x300 mm working area and the focus range is 100 mm. The system is an all-in-one designed (only for 20W/30W), allowing easier and fast integration into the production line to meet every customers' needs.



Application



Sloped Objects



Sloped Objects



Object with Steps



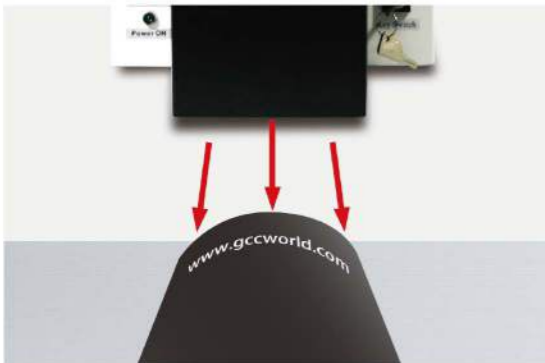
Tumbler



Product Label

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.



Key Switch

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



All-in-one Design

The machine has an advanced All-IN-ONE design featuring size and easy integration into the production line.



*All-IN-ONE design is available only for 20W and 30W.

300x300 mm Working Area

Standard 300x300 mm working area that helps you process large objects and allow your for far more applications.



Options



Rotary attachment



LFC II



LFC D