StellarMark CIIS 12 / CIIS 30V

Model No.	CIIS 010	CIIS 050	CIIS 070	CIIS 140
Working Area	10 x 10 mm	50 x 50 mm	70 x 70 mm	140 x 140 mm
Spot Size**	0.09 mm	0.12 mm	0.24 mm	0.46 mm
Repeatability**	0.001 mm	0.003 mm	0.004 mm	0.008 mm

^{*} Speed does not equal to throughput. See dealer or visit www.gccworld.com for more details.



Optional Items



StellarMark CIIS 12/CIIS 30V Specifications

Model No.		CIIS 12	CIIS 30V		
Laser Source	Wavelength	10.6 μm			
	Туре	CO ₂ , sealed-off			
	Output Power	12 W	30 W		
	Cooling	Air-cooled, no water chiller required			
Electrical Requirements	Power Supply	AC Auto Switching 115V / 230V, 50-60 Hz/ single phase			
	Power Consumption	740 W	1240 W		
Dimensions (L x W x H)	Laser head	831 x 200 x 178 mm	831 x 200 x 178 mm		
	Control unit	500 x 420 x 192.4 mm			
Laser Marker Weight		15 kg	17 kg		
Control Unit Weight		17 kg	19 kg		
Max Linear Marking Speed		3,000 mm/s			
Max Marking Speed		10,000 mm/s			
Operating System		Microsoft Windows 2000 / XP / Vista(32/64 Bit) / 7(32/64 Bit) / 8(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 LFC) 2006/42/EC Machinery Directive 2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive			

^{*} All spec are subject to change without any prior notice.





















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US & Canada Only Toll Free: 1-888-284-5211





- CO₂ powered laser available in 12W / 30W configurations
- Mark-on-fly marking at constant or variable speed
- Indispensable G-Mark Basic software supports 1D, 2D, text, logo marking
- Variable sizes of working area available from 10 x 10 mm to 300 x 300 mm
- Permanent marking across a wide range of materials: glass, plastics, anodized aluminum, coated metals, and more
- ▶ I/O interface for start, stop, alarm, Emergency Stop, ready, output and input automation control signals

^{**} File transmission at USB 2.0 Full Speed rate.

Specifications are subject to change without prior notice.

 $[\]Delta$ Specifications are subject to change without prior notice.



StellarMark is ideal for industrial applications. Not only are the key components sourced from the world's leading suppliers to ensure output quality and stability, it also has the flexibility for manufacturers to handle complex jobs with our new G-Mark Basic software. It constructively offers smart designs of password protection and error detection to prevent operators from making unnecessary mistakes, and detects problems without delay. StellarMark is built to accomplish all your needs and to achieve a higher level of productivity.

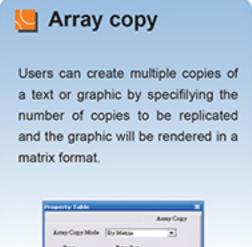
Ultimate Software Functions





(Operator, Programmer, Administrator levels) restricts unauthorized access to the production line.



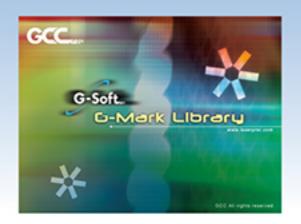


Col 0ng

Copy Order: (# 155 C 155

G-Mark Library (optional)

This programmable software can be used to customize functions by using VB scripts. All commands are received in real time from a master PC and position offsets, rotating angles and sequential marking can be easily set



Superior Text Editing Functions

Automatic Serial Marking

With this feature, users can increase or decrease the serial part number automatically.

LaserPro	LaserPro	LaserPro
00001	00010	10000
LaserPro	LaserPro	LaserPro
00002	00020	20000
LaserPro	LaserPro	LaserPro
00003	00030	30000

Font Marking Variations

This feature enables marking of a variety of character expressions via Arc Alignment, Angle Alignment, and Marking Direction.



CIIS12 / 30V

Barcode Marking

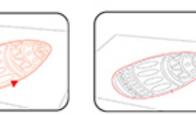
14 types of 1D and 5 types of 2D barcodes (Data Matrix, PDF417, QR Code and Maxi Code) are available.





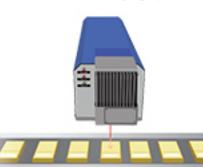
Preview Mode

Variable-speed, red dot pointer "preview" mode outlines the marking path.



Mark on The Fly (Optional)

Non-stop, "on-the-fly" marking of parts maximizes productivity. Precise laser can mark fast-moving parts while the conveyor is at constant or varying speed.



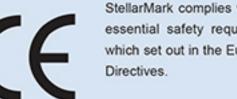
Safety Design and Certification

Emergency Stop

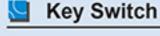


shut down by pressing the Emergency Stop button from controller when any emergency





CE Certification





This safety feature enables operators to keep the laser locked to avoid unanthorized





RoHS Compliance



We are committed to make every effort to protect the environment. The StellarMark C-Series is in compliant with the Restriction of Hazardous Substances Directive.

Allow Bigger Working Area for Higher Productivity

StellarMark HS series will allow user to work at bigger working area than other conventional laser and to achieve more productivity.







PCB



Capacitors



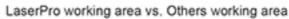


Carton Boxes





Recordable Media Pharmaceutical Packaging



Laser Marking System