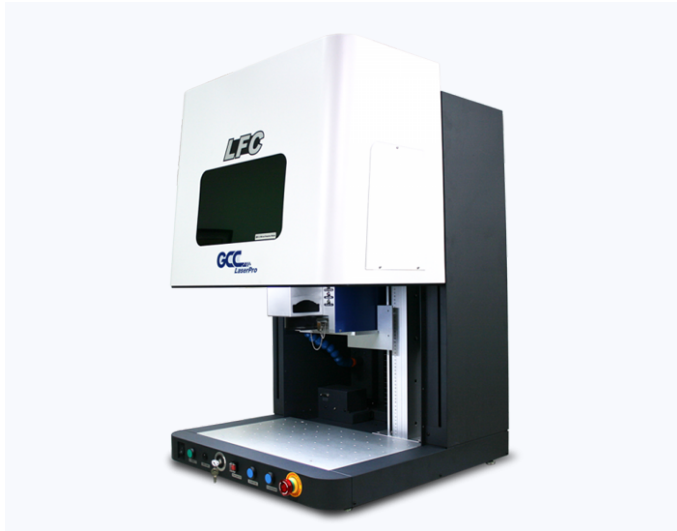




Product Sheet

GCC LFC Table Laser

Category: Fiber MOPA

LFC Desktop Laser – Safe marking with maximum access

GCC LFC Desktop Laser combines a high safety classification with flexible design and powerful performance. The three open sides provide easy access for both small and large objects, while selectable laser solutions and multiple lens options make it adaptable to different marking needs. A compact yet powerful machine that delivers efficient and safe marking in every detail.

- Versatile laser configuration
- Smooth mechanical hatch
- Adaptable work area

Product description

GCC LFC Desktop Laser – Flexible and safe laser station

Efficient marking with high safety and user-friendliness!

GCC LFC Desktop Laser has a Class 1 protective enclosure with 3 open sides, making it easy to position and handle objects during marking. The mechanical hatch opens on three sides, providing quick and easy access and enabling efficient handling of both large and small objects.

This unit can be configured with either a fiber laser or a CO₂ laser from the StellarMark series, with power levels of 20W, 30W or 50W for fiber laser and 30W or 60W for CO₂ laser. The most suitable laser type depends on the materials you need to mark.

Several lens sizes are available depending on the work area and requirements. Its larger work area and height compared to other models on the market provide extra flexibility, which has made it highly appreciated by users.

For additional safety, the LFC Desktop Laser is equipped with sensors at the lower edge of the hatch to prevent pinch injuries, creating a safe and secure working environment.

GCC LFC Desktop Laser is a perfect solution for companies looking for a safe, flexible and efficient laser marking station with high performance!

Description

- Versatile laser configuration: Choose between fiber laser (20W, 30W, 50W) or CO₂ laser (30W, 60W).
- Smooth mechanical hatch: Three open sides for easy access and handling of workpieces.
- Adaptable work area: Several lens sizes are available to meet different needs.
- Extra-large work area: Larger than similar models, providing increased flexibility and productivity.
- Safe working environment: Sensors at the lower edge of the enclosure protect against pinch injuries.

Technical Specification

Machine Specifications

• Laser sources	- Fibre laser: StellarMark I series (20W, 30W, 50W) - CO laser: StellarMark C series (30W, 60W)
• Workspace	Several lens sizes available depending on requirements
• Machine dimensions (W x D x H)	670 x 670 x 790 mm
• Weight	80 kg
• Door opening	- Mechanical hatch with three open sides for easy access - Sensing system at the bottom of the cabinet to prevent crushing injuries
• Drive system	Automatic Z-axis lift for precise focusing
• Maximum rated speed	Up to 7000 mm/s
• Maximum workpiece height	330 mm
• Maximum working area	Adjustable depending on lens size
• Security class	o Laser class 1 (EN 60825-1) for safe use
• Connection	o USB 2.0 and Ethernet for easy data transfer
• Compatible operating system	Microsoft Windows
• Power supply	100-240V, 50-60Hz, automatic switching