

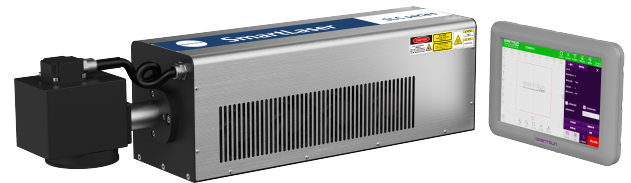


## CO2 Laser Marking System **Greentsun® SLC40**

The SLC series CO2 laser marker combines high performance and flexibility, delivering fast, high-quality coding on medium-to-high-speed production lines. With multiple industrial interfaces for seamless integration, it supports Industry 4.0 connectivity.

**Greentsun®SLC Series** delivers clear, high-speed coding for packaging, with minimal restrictions on fonts, codes, or graphics. Ideal for food, beverage, cosmetics, pharmaceuticals, and extrusion industries requiring complex high-speed marking.

CO2 laser marking effects:  
Color change via laser-material chemical reaction  
Surface engraving (e.g., PET foaming/glass etching)  
Coating ablation to reveal substrate color  
Wood/cardboard carbonization  
Plastic melting for embossed/debossed marks



### User-friendly and Stable Program

Self-developed OS with user-centric optimization;  
Intuitive operation for instant proficiency;  
Ultra-stable for 24/7 production line endurance

### More Energy-saving and Environmentally Friendly

High laser beam conversion rate cuts power consumption;  
9.3μm/10.2μm/10.6μm wavelength options;  
Zero waste generation & no consumable costs

### More Flexible and Convenient

Red-light focusing/preview for clear marking range visibility;  
Multi-level user permissions to prevent mishandling;  
Speed synchronization for seamless production line integration.

### Complete After-sales System

Turnkey solution: Installation, debugging, training & lifetime after-sales support;  
Including software upgrades and 24/7 technical response

# Grentsun<sup>®</sup> SLC40

## CO2 Laser Marking System

### Marking Formats

Fonts: Simplified Chinese, English, Spanish, Russian and other 15

languages (optional) ;

Variables: date, serial number, time, text;

Barcodes: barcode, QR code, DM code, GS1 code ect.;

Graphics: complex graphics, trademarks (dxf, plt, jpg, png, bmp)

straight line, dotted line, dot, circle, rectangle, etc.

### Speed(varies with application)

Max. marking speed: 12000mm/s

### Marking Area

110mm\*110mm(standard) ; 140mm×140mm ( options )

175mm×175mm(options); 220mm\*220mm(options);

300mm\*300

mm(option);

### Operation Interface:

Windows or 10.1 inch color touch screen;

USB flash drive forupload and download jobs;

Standard I/O: Ethernet interface, USB, encoder, sensor,

Optional Grentsun alarm, remote interlock mechanism

(dual

channel)

### Storage

Regular settings are stored in advance, and can be directly called for coding or system date

### Working Environment

Dust and splash proof, internal environment cooling

### Working Temperature

0-40°C (32-104F)

### Humidity Environment

10%-90% non-condensing

### Cooling Method

water cooling

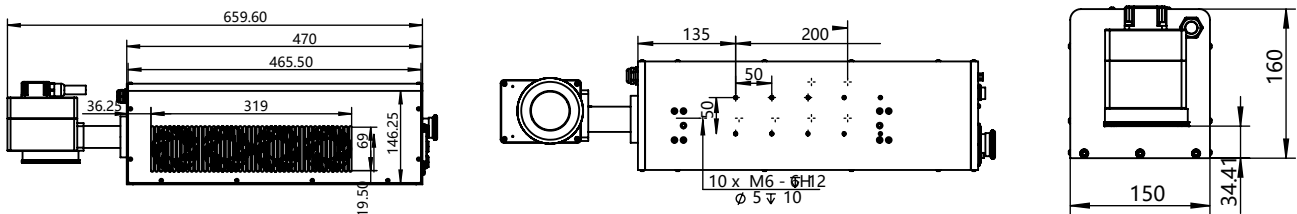
### IP Protection Level:

Reliable IP54 design (IP65 optional). Prevents multi-directional splashing water intrusion

### Power Requirements

100 to 120V or 200 to 240V

### Coding Unit Size



**GRENTSUN**

武汉吉瑞祥工业系统有限公司  
Wuhan Grentsun Industrial System Co., Ltd.  
[www.laser-code.com](http://www.laser-code.com)

Add. : Floor 4 of no.5 building, Huiqiang Science and  
Technologyzone,Huangpi district, Wuhan, Hubei  
Phone : 0086 27-82352097

E-mail: [info@grentsun.com](mailto:info@grentsun.com)  
[amy@grentsun.com](mailto:amy@grentsun.com)