

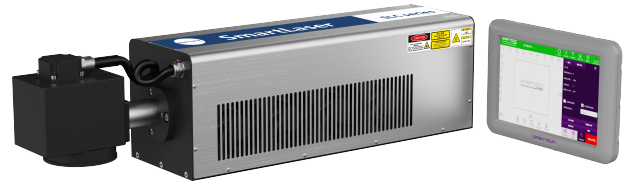


CO2 Laser Marking System **Greentsun® SLC40**

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

Greentsun[®] 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*300mm(option);

Operation Interface:

Windows or 10.1 inch color touch screen;

USB flash drive for upload and download jobs;

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

Optional Greentsun 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

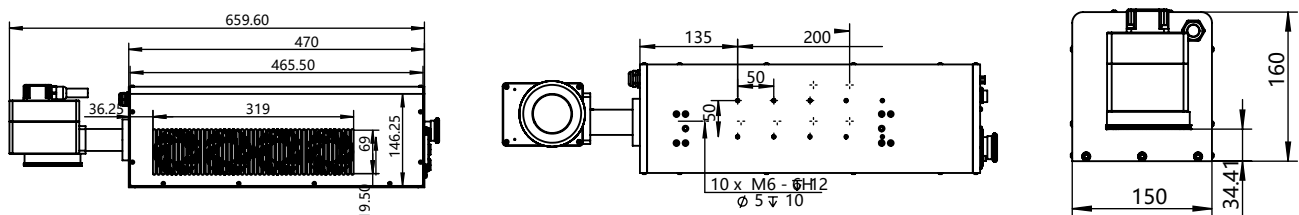
IP Protection Level:

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

Power Requirements

100 to 120V or 200 to 240V

Coding Unit Size



GREENT SUN

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