

Fiber Laser Marking System

DS SERIES All-In-One Laser Printer



Thanks to extensive experience in laser coding and a deep knowledge of how laser sources perform on materials, SUNINE is able to offer you the best solution for laser marking & coding.

SUNINE DS series fiber laser marking system can truly meet your coding requirements.

Long-Term Operational Stability

- Sophisticated parts for machine, say no to substandard products
- Power-on and ready-to-use, zero maintenance cost
- Self-developed software ensures stable performance without any faults

Easy-To-Operate

- Smart touch screen panel
- System operation is easy to use
- Support various languages, one-button marking

Born For Efficiency

- Draw line speed up to 7000mm/s
- Standard and customized communication protocols
- High performance self-developed smart chip set can quickly process huge data and complex graphics.

Capability of integration

- Light-weighted body made of high-density materials
- All-in-one design with the most compact size
- Various working distances are available to adapt to all kinds of production environments, making production line integration more flexible

APPLICATION



Hardware



Pharmaceutical



Cosmetics



Chemicals for daily use



Domestic appliances



Food



Electronics



Beverage & Dairy



Tobacco



Jewelry

Laser Head

High-quality laser source, field lens and smart red-light positioning system ensure the high-quality laser coding

Compact Design

All-In-One design ideal for use in a flexible environment

User Friendly

Self-developed smart touch panel control system for easy operation

High Speed

Mark speed capability of up to 12000mm per second

Traceability

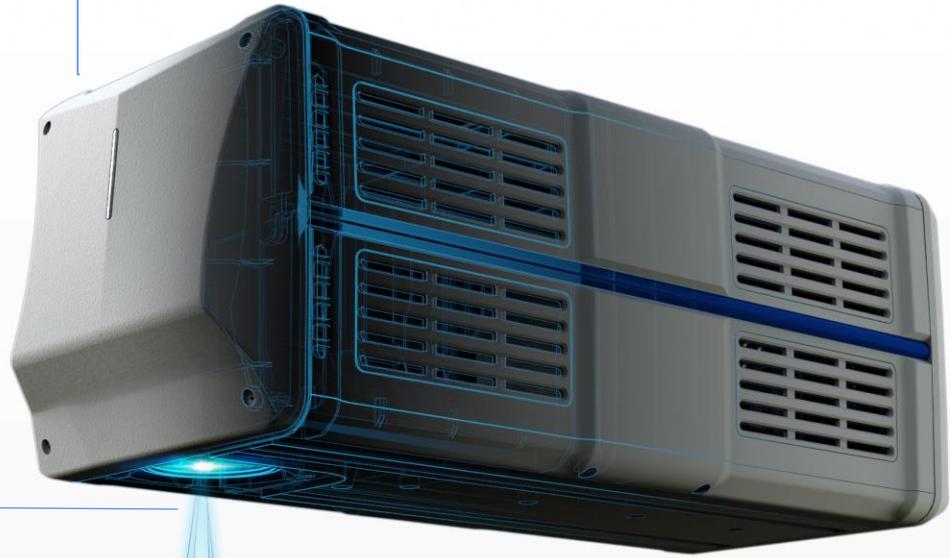
SUNINE traceability system offers the best traceability solution for each product

High-Intensive Laser Beam

Not only can it be applied to all kinds of high-density materials, but also can print precision patterns on objects without any damages.

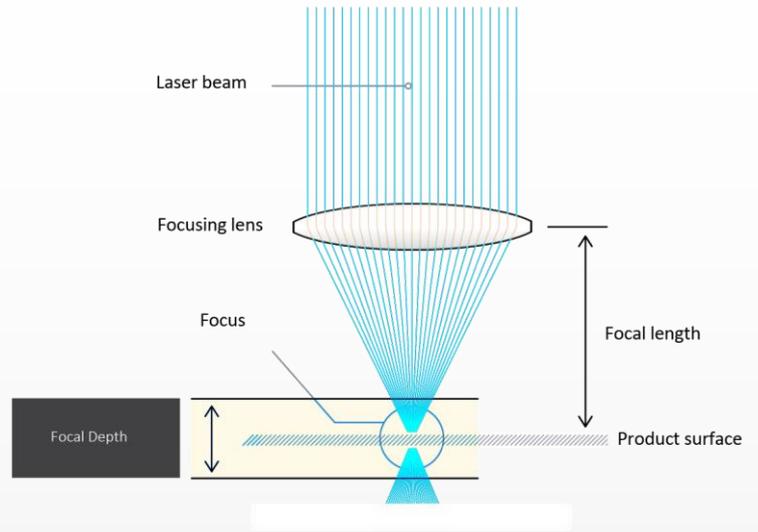
Large Marking Area

Special designed field lens with small size provides large scan field, which made the scan head smaller and easy to install in small space



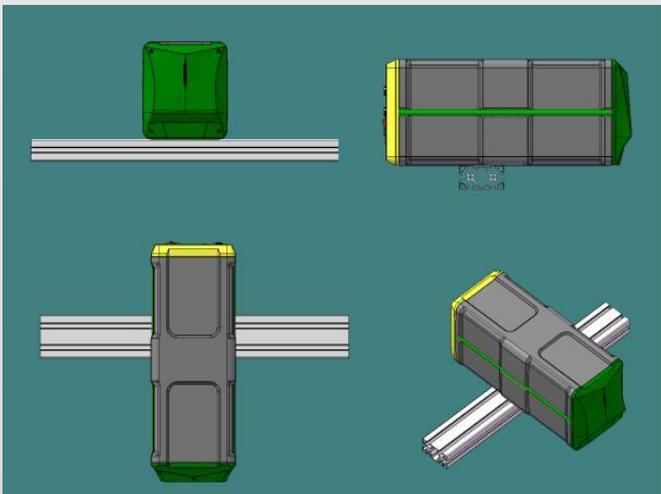
Excellent Beam Quality

Excellent Laser beam with large focal depth and smart red-light positioning system guarantee that you will achieve fast marking and brilliant laser marking results.



Intelligent, Fast, Efficient, Low consumables

SUNINE laser marking system with smart chip-based control system can be easily integrated into various production lines, dramatically increases the production efficiency and bring more benefits to customers.



SUNINE NEW V5 Software

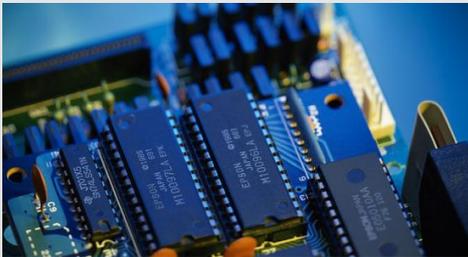
SUNINE self-developed operating software V5 is user friendly touch screen operation mode and specially designed for on-the-fly marking for powerful control, editing, communication and data collection.





With over 10 years of experience in laser marking industry, SUNINE masters the core technologies and has rich knowledge on configurations between laser markers and applications. We have 4 series of laser marking systems for you to choose from, in addition to private customization to meet the specific requirements.

Virtually every common metal (and a number of uncommon ones) can be marked with 1064nm laser marking system. Precious metals, stainless and hardened steel, copper and anodized aluminum all mark extremely well. It can also mark on non-metal materials such as aluminum foil, PVC, etc. It's widely used in industries of food, pipes, wires & cables, pharmaceutical, etc.



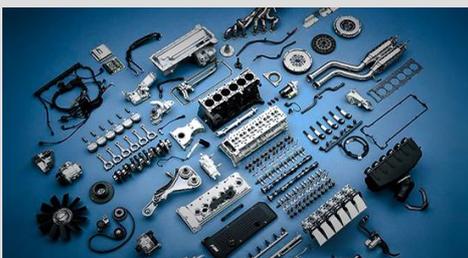
Electronic Components



Hardware



Chemicals for Daily Use



Auto Components

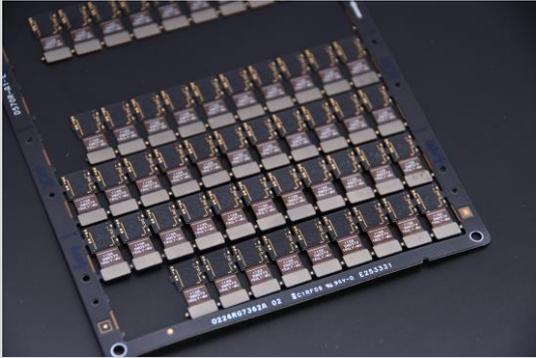


Medical Instruments



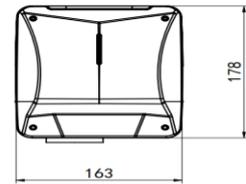
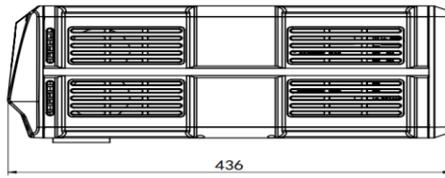
Precision instrument

Wide Range Of Applications



D2000is/D3000is

Technical Specification



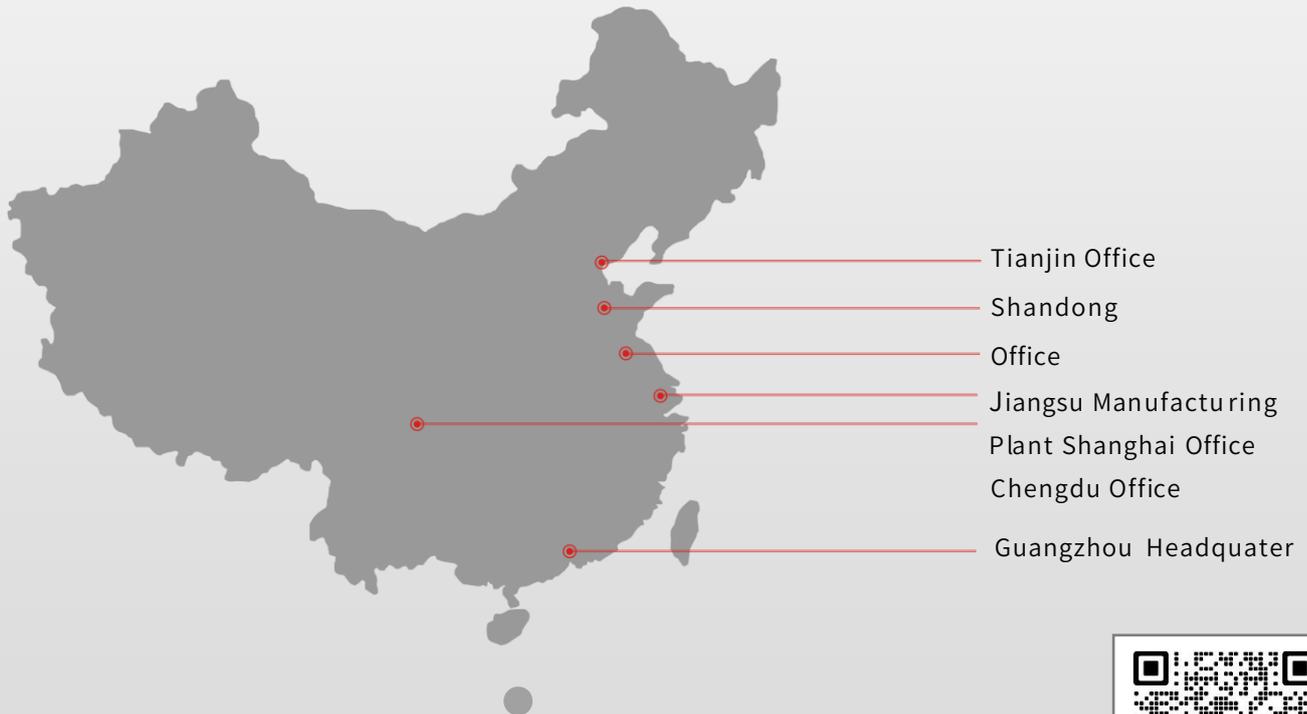
Model		D2000is	D3000is
Machine Material		Engineer Plastic & Anodized Aluminum	
Laser Type		Fiber Laser Source	
Laser Power		≥20W	≥30W
Laser Wavelength		1064nm	
Power Consumption		≤500W	
Power Supply		220V 50/60 Hz (Optional: 110V 50/60 Hz)	
Machine Dimensions		436mmX163mmX178mm (L x W x H)	
Net Weight	Laser Head	6.6 kg	
	Controller	1.8 kg	
Operating System		Linux	
Cooling System		Air-cooled	
Optical Parameters	Beam Diameter	7mm	
	Reflector Size	8.5mm	
	Mark Field	110mm X110mm (Standard)	
Marking Software	Version	V5 CONTROLLER-37	
	Language	Chinese Simplified, Chinese Traditional, English, German, Spanish, French, Italian, Japanese, Korean, Polish, Portuguese, Hindi, Russian, Turkish, Arabic ,etc.	
	Code Type	2D-Code Type: QR, DM, GS1-DM, AztecCode, HanxinCode, DotCode Barcode Type: Code128A, Code128B, Code128C、 Code39、 Code93、 Ean13、 PDF417、 01 Code	
	File Format	BMP/DXF/PNG/JPEG/PLT/JPG	
Controller		10" Color Touchscreen Remote Controller	
Position Method		Red-Light Positioning and Auto-Focusing	
Laser Classifications		Laser Class 4	
Accessories (Optional)		Sensor, Stand Bracket, Encoder	
Environment	Pollution Level	2	
	Overvoltage Category	II	
	Working Conditions	Operating Temperature: 0-40°C Operating Humidity: <95%, non condensing, no vibration	

Customer-Driven Quality

Sunine Laser, a leading laser marking technology company, has its own distinct R&D, production, sales and customer service that satisfy specific consumer needs. Located in Guangzhou High-tech Development District, it has a number of patents of invention of laser marking machine and laser marking computer software, such as "Dual Wavelength", "Hand-held Design", "Dual Station", "Dustproof Design", etc. Sunine Laser has been certificated as a high-tech enterprise in the province in 2016.

The main products of Sunine Laser includes on-the-fly laser marking system (CO2, fiber and UV laser), portable handheld laser marking machine, product traceability system, vision system. Both hardware and software are of high quality. The sophisticated laser marking system features function of red light positioning and focusing, power-off protection, multi-control mode, malfunctions control, multi-interfaces, etc.

With the advanced technology, humanized design, superior quality of products, Sunine Laser is favored by customers from various industries. Our equipment is widely used in industries including automotive, mechanical, glass, steel, petrochemicals, art & craft, instrumentation, mold, hardware, aviation, electronics, pharmaceutical, food & beverage, pipe, cable, chemical for daily use for product identification. Sunine has established complete quality control system in the aspect of design, producing, assembling, testing and packaging to ensure the performance and quality of each machine. And thanks to the ability to meet the individual needs of each customer and superior service, the company enjoys a good reputation. Sunine Laser is proud that our quality management is certified in accordance with ISO Standard 9001: 2015.



www.suninelaser.net

