



K Series On-The-Fly Laser Printer

UV Laser Marking System

Introduction

UV Laser Marking System is a high-performance on-the-fly laser coding solution designed for high-speed industrial production. Featuring 355nm UV Laser technology, it delivers cold, high-contrast marking with excellent precision on various materials such as PE, HDPE, PP, ABS, and PVC. With zero consumables, easy installation, and stable performance, it provides an efficient and cost-effective solution for modern coding and traceability applications.



Cold Marking, High Contrast

355nm UV Laser technology enables low-heat processing, producing clear and durable marks while minimizing material damage.



Flexible Integration & Large Marking Area

Easy installation design with multiple marking area options (110×110mm to 600×600mm) for various production lines.



Zero Consumables, Low Maintenance

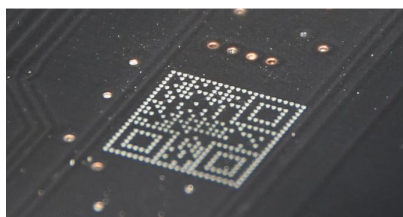
No ink, ribbon, or replacement parts required, reducing operating costs and maintenance requirements.



High-Speed & High-Precision Coding

Advanced scanner and control system achieve marking speeds up to 900 characters/sec with accurate and consistent results.

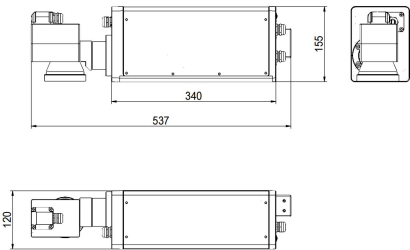
Applications



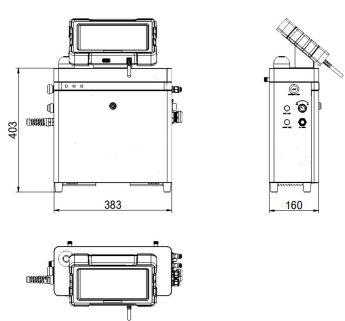
Model		K905	K910
Basic Configuration	Laser power	5W	10W
	Laser type	UV Laser Source (Sunine laser source)	
	Laser wavelength	355nm	
	Mark field	Standard: 110mm x 110mm, maximum: 600mm x 600mm	
	Positioning method	Blue-light positioning	
Marking Features	Writing speed	900 characters / second	
	Production line speed	0~189m/min (varies according to materials and printing contents)	
	Image format	BMP/DXF/PNG/JPEG/PLT/JPG	
	Code type	Code128A, Code128B, Code128C, Code39, Code93, Ean13, PDF417, 01 Code; QR, DM, GS1-DM, AztecCode, HanxinCode, DotCode	
	Lines of characters	No limits within mark field	
System Features	Operating system	SUNINE V6 platform Linux Based	
	Type of drawings	Both dot matrix and vector	
	Language	Chinese Simplified, Chinese Traditional, English, German, Spanish, French, Italian, Japanese, Korean, Portuguese, Hindi, Russian, Turkish, Arabic, Persian, etc.	
	Interfaces	RS-232C / USB2.0 / Ethernet, I/O	
Structure and Conditions	Machine material	Anodized Aluminum (Laser Head) & Stainless Steel (Control Unit)	
	Power supply	200~240V 50/60Hz (100-120V optional)	
	Power consumption	≤750W	
	Machine weight	45kg	
	Cooling system	Water-cooled	
	Laser head size	537mm x 120mm x 155mm	
	Control unit size	383mm x 160mm x 403mm	
	Water chiller size	249mm x 345mm x 282mm	
	Working conditions	5-40°C; 30%-85% RH (No-condensing)	

Dimensions (mm)

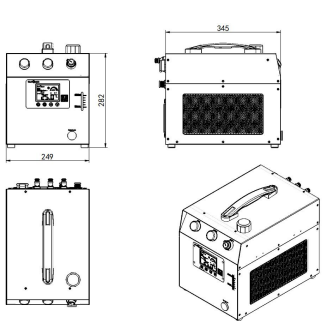
Laser Head K905/K910



Control Unit



Water Chiller



Guangzhou Sunine Intelligent Technology Co.,Ltd. (HQ)

Building 13, No. 39 Xinhe North Road,Ningxi Street,Zengcheng District,
Guangzhou, China 511300
+86 020-87269462
info@suninelaser.com
www.suninelaser.net

Sunine Technologies Pte Ltd (Singapore)

627A Aljunied Road #08-04
Singapore 389842
+65 9159 3261
taksing@suninelaser.com
www.suninelaser.net



Portal to official website