

UV Laser Industrial Label Printer

Ushering in a new era of
label printing



Permanent Marking

UV Laser cold marking,
non-erasable



High Contrast Marking

Suitable for various
color labels



Standard 600dpi

μm-level spot size,
clear and sharp font



No Consumables

No ink or ribbon
required

Introduction

The UVS520 UV Laser industrial label printer uses no consumables or ribbons. With 5W UV Laser power and a constant-temperature air-cooling system, it ensures smooth high-speed printing and stable performance, perfectly suited for heavy continuous production. Prints are clear, precise, and abrasion-resistant, highly legible during transport and handling. An optional automatic rewinding system supports unmanned operation, cutting labor costs and helping businesses boost efficiency while reducing operating expenses.

UVS520 is a new generation industrial label printer designed and developed by SUNINE using UV Laser technology, aimed at ushering in a brand-new era of industrial printing.

The UVS520 adopts air-cooled UV Laser technology. With its extremely fine beam quality, it achieves high printing quality of up to 600dpi, with standard positioning accuracy of $\pm 1\text{mm}$. Positioning can be checked through the viewing window, simplifying operation.

The metal housing is designed to withstand harsh industrial conditions, greatly reducing downtime caused by printer failures.

Applications

Production workshops



E-commerce logistics



Quality control



Clean manufacturing

Printing produces dust and debris that contaminate products and work areas. The UVS520 features an integrated dust extraction system to continuously remove particles, cutting maintenance costs and keeping the workplace clean. It is easy to operate, runs seamlessly and supports automation, delivering clean, and hassle-free production.

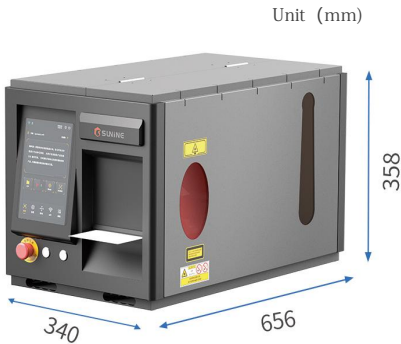


Laser Safety Protection

The UVS520 UV Laser industrial label printer supports the highest level of Laser safety. The protective cover is certified Class 1. The safety interlock is also design to guarantee the safety of the user.



Model	UVS520
Power output	5W
Machine material	Aluminum
Laser type	UV Laser source
Laser wavelength	355nm
Paper feeding speed	180mm/s
Label width	25-110mm
Maximum roll outer diameter	≤Ø200mm
Display & operation	5-inch built-in touchscreen
Operating system	Linux system
Cooling system	Air cooling
Label thickness	0.05-0.5mm
Memory	2GB onboard flash memory
Printing width	10-100mm
Positioning method	Blue-light positioning and preview
Languages	Chinese Simplified, Chinese Traditional, English, German, Spanish, French, Italian, Japanese, Korean, Portuguese, Russian, Arabic, etc.
Power supply	AC 100-240V 50/60Hz
Maximum power consumption	≤750W
Net weight	30kg
Control cabinet dimensions	656mm × 340mm × 358mm
Operating temperature range	5-40°C



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