

Specification

Product Model	LC-UVA3S	
Number of Printheads	2	1
Printhead Type	XP600	I3200-U1HD
Printhead Height	0-120mm	
Printhead Cleaning	Fully automatic cleaning with anti-clogging, flash spraying, and automatic moisturizing functions	
Ink Type	UV Ink	
Ink Colors	C/M/Y/K+W+V	
Ink Cartridge Capacity	250ml per color	
Ink Supply Method	Positive Pressure Continuous Ink Supply	
Printing Width	280 × 450 mm	
Media	Tablets, cubes, and cylinders can be printed directly; suitable for materials such as glass, metal, plastic, wood, and cardboard.	
Printing Mode	Color Only/W+Color/Color+W/W+Color+V	
Fixture configuration	Cylinder/Pen fixture(optional); AB film unwinding and rewinding devices	
Curing System	LED UV light cured	
Sensor device	Geomagnetic magnets automatically measure height sensing	
Operation Language	Chinese/English	
Computer System	Win11/Win10/Win7	
Working Environment	Temperature range 18°C-25°C; Humidity range 35%-65% Rh	
Printing Interface	Network port	
RIP Software	MainTop 7.0 UV Edition, PhotoPrint 19 Edition	
Power Parameters	AC 220V, 50Hz/60Hz	
Power (W)	1000W	
Noise Level	Standby < 32dB, operating ≤65dB	
Machine size (L * W * H)	Flatbed printer: 800 × 560 × 620mm ; After Installation: 925 × 1400 × 1330mm	
Machine Weight	110 Kg	
Packing size(L * W * H)	Flatbed printer: 1000 × 980 × 780mm Unwinding and Rewinding Unit : 750 × 490 × 450mm	
Packing Weight	119 Kg+32Kg	

Specification do as present one, if there is a change without notice

locor



Based on the A3 flatbed printer, AB film unwinding and rewinding devices are installed at both the front and rear, allowing one machine to handle printing on both rigid boards and roll materials.

LC-UVA3S UV Hybrid Printer

Printing Width: 280 × 450mm

Service hot line: 400 - 717 - 6789

Website: www.locor.com

Address: No.260 Hongsong road, High-tech zone, 450000 Zhengzhou city, china.

ZHENGZHOU YUCAI ELECTRONICS TECHNOLOGY CO.,LTD

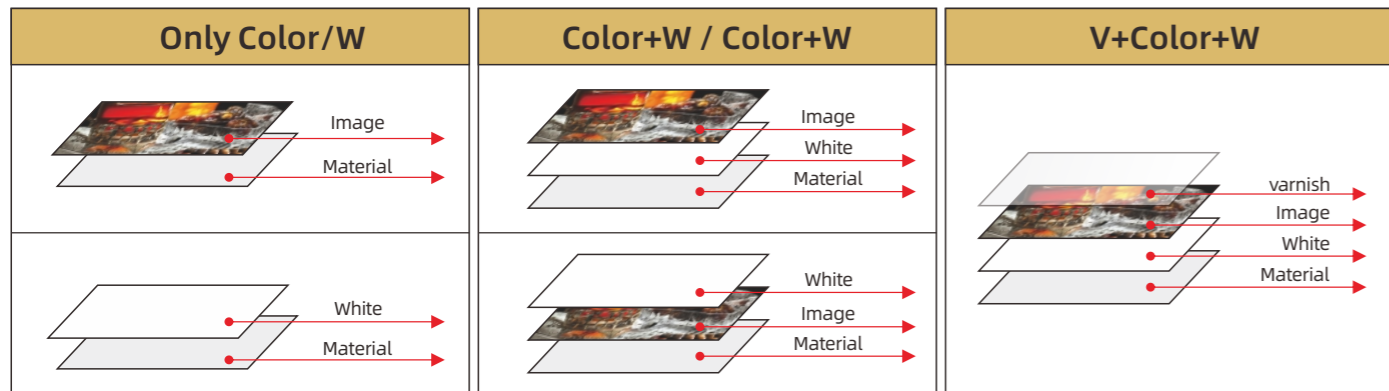
Print head speed

Print Speed (White+Color+Varnish)

Type	Mode	4 pass	6 pass	8 pass
XP600		2.5m ² /h	1.9m ² /h	1.5m ² /h
I3200-U1HD		1.65m ² /h	0.85m ² /h	-

Print Mode

- The multi-layer imaging technique can quickly produce the relief and other 3D image effects on the printing materials, with the sense of carving and the sense of concave and convex within reach.



Production and Usage Steps

Design on Computer:

Create the desired graphic with dimensions matching the print object. Ensure resolution ≥ 300 dpi and use CMYK color mode.



Printer Setup:

Calibrate the printhead and adjust the platform height to fit the object's thickness. For light-colored objects, print the color layer directly; for dark-colored ones, apply a white base layer first, followed by color. An optional varnish layer can be added for enhanced durability.



Final Output:

The UV printer supports customized pattern printing on various materials, including plastic, metal, glass, wood, and more.

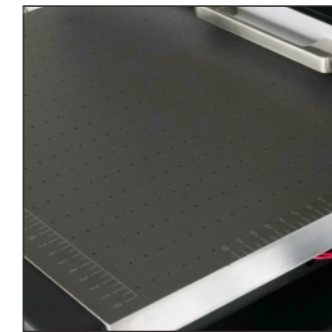


Computer Configuration Requirement

- ▶ Win7/Win10/Win11 home 64 byte operation system
- ▶ CPU: Core i5 at least
- ▶ Memory: 6G at least
- ▶ Hard disk: 256G fast (7200 PRM)
- ▶ Network: Gigabit LAN
- ▶ Monitor: 17 inch flat panel display , true color display card , support resolution above 1024X768.

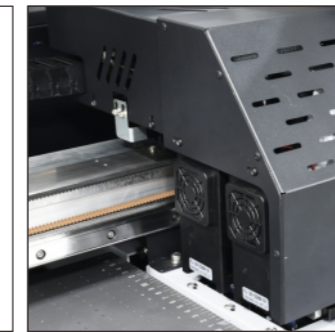


Higher precision at mechanical design



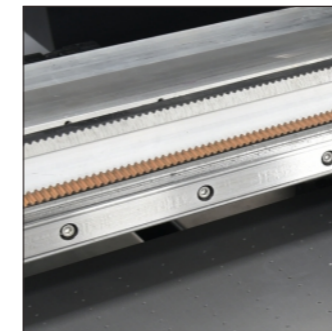
Widened platform

It can better adsorb materials, make printing more stable.



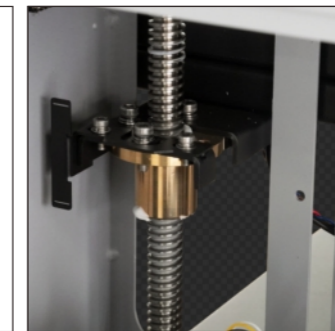
LED UV lamp

Equipped with high-power UV LED chips, it intelligently adjusts curing power and exposure time to adapt to different materials and ink thicknesses.



silent guide rail

High-quality guide rails ensure stable printhead movement, high precision, low noise, and long lifespan.



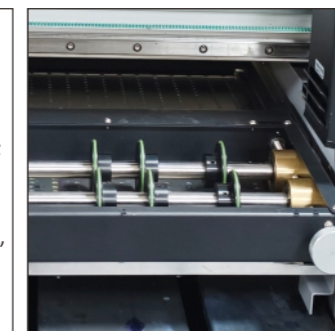
lead screw drive

Z-axis lead screw drive ensures stable platform lifting and lowering.



Ink supply system

white ink automatic mixer to prevent white ink blockage and make printing smoother; Ink shortage alarm, reminding users to add ink timely when the ink shortage, making the printing process more hassle free.



Cylinder/Pen fixture

Optional cylinder/pen fixture enables printing on cylindrical or spherical objects such as glass bottles and pens.

Application

