



NC-UV0406-VI

Multifunctional small digital inkjet printer

NC-UV0406 is the first small digital inkjet flatbed printer with independent board in China, which defined printing format of 60*40cm. The Nocai small digital inkjet UV printer has been iterated to the sixth generation. It has the characteristics of strong stability, compactness, space-saving, and diversified application scenarios. It is very suitable for personalized customization, such as entrepreneurship, on-site DIY customization, cultural creation, etc. The formats are all very appropriate.

Features

High precision and bright colors

Equipped with 2 Epson I1600-U1 print heads, it can freely control the size of the ejected ink droplets, thereby reducing the graininess of the picture, presenting more picture details, smooth color transition, and high saturation.

Compact body, space-saving

Compact body, space-saving Nocai adopts a safe and simple semi-enclosed body and transparent cover. The transparent cover allows you to view the printing process directly, making it easy to put and take products and maintain the printer.

0-180mm print height

It supports product thickness of 0-180mm and A2 printing format size, which can meet more printing needs without material restrictions and enjoy printing fun.

One machine with multiple functions to meet personalization

One machine has multiple uses. It can be equipped with an electric cylindrical jig to achieve 360-degree rotation printing. It can print on mugs, thermos cups and other cylindrical products to meet diverse personalized needs.

Delicate design, safe and worry-free

Air-cooled tilt lamp design protects the print head and reduces refraction. The high-precision honeycomb hard air-suction aluminum platform allows the printed product to be placed flat and better on the platform to ensure the printing effect.

Humanized design and easy operation

Humanized control panel design, easy management, one-click operation. Power on, calibration, operate on and maintenance are easy to learn.

Strong stability, green and environmentally friendly

The design of the lifting and lowering ink station accurately controls the head position and comprehensively protects the print head. Using UV ink, bright colors, green and environmentally friendly.

Diversified effects, one-time molding

Diversified effects, one-time molding A variety of color combinations, diversified effects. It supports printing effects such as full-color, color white, embossed white and color, and varnish.

Industry application and effect display

Stationery industry

It is widely used in the stationery industry, such as pens, notebooks, rulers, pen holders, etc. Nocai small digital inkjet UV printers can be customized according to needs to meet the diverse color change needs of the stationery industry.

Electronic products industry

In the electronic product industry, UV printing technology has various applications, such as: watches, mobile power supplies, electric toothbrushes, desk lamps, headphones, etc. By printing the relief texture, the value of the product is enhanced.

Gift industry

Nocai small digital inkjet UV printer is very suitable for gift customization. It is not limited by materials, such as paper, wood, acrylic, glass, metal, etc., and can be printed directly. There are various types of gifts, and you can print one piece and customize it as you like.

Home decorations

In home decorations, it is usually used in personalized customized ornaments, wedding photos, artistic photos, etc. Nocai UV printer prints clear and lifelike images of people with bright colors, which is very suitable for e-commerce, self-employment and other scenarios.

Handicraft industry

Applications in the handicraft industry include: bookmarks, USB flash drives, refrigerator magnets, key chains, mouse pads, small mirrors, bottle openers, etc. Nocai UV printers print handicrafts not only with high precision and easy operation, but also with the ability to change images at any time to meet personalized customization.

Thermos cup industry

By installing a cylindrical jig, 360-degree rotating white color printing can be achieved, and mugs, thermos cups, electronic product shells, tea cans, cans, etc. can be personalized.

Sporting goods customization

In terms of sporting goods, UV printers take advantage of personalized customization. It is not limited by materials and can be painted directly on any material. It has the characteristics of bright color, good firmness and high wear resistance.

Cosmetics industry

UV process printing on cosmetic packaging materials such as eye shadow boxes, lipstick tubes, cosmetic mirrors, etc. can not only increase the added value of the product, but also be environmentally friendly and beautiful.

Packaging industry

It is very common for UV technology to be used in wine packaging such as red wine customization for weddings and personalized pattern customization for white wine. The effect is not only bright in color, but also embossed.

Computer configuration requirements:

- Operating system: Windows 8/10/11 (64 bits)
- CPU processor: Recommended i5, i7 and above
- Memory: 16G or above recommended
- Monitor: Recommended resolution 1024*1280 or higher
- Hard disk type: 128G or above
- Graphics card: Motherboard integrated graphics or independent graphics card (4GB video memory or above)
- Network card: Gigabit network card 1000M

*Computers, computer desks, and machine bases need to be self-provided.

Product parameters

Model number	NC-UV0406-VI	
Print head	Epson I1600-U1*2	
Print head picture		
Nozzle spray force range	2-3mm	
Number of nozzles	1600 (Individual)	
Distance between nozzles	1/300 inch	
Number of nozzle rows	4	
Maximum number of supported ink colors	4	
Ink droplet ejection performance (ink droplet volume and ejection frequency)	2 levels of grayscale 3 levels of grayscale 4 levels of grayscale	5 pl (43.2kHz) 6,12.5 pl (21.6kHz) 3.8, 6.2, 9.3 pl (21.6kHz)
Print size	400*600mm	
Print height	0-180mm	
Print version	White and color print at same time+varnish	
Print mode	CMYK + W/CMYK + W+V	
Print resolution	720*600dpi / 720*900dpi / 720*1200dpi	
Printer dimension	L*W*H 1443mm*850mm*760mm	
N.W.	118KG	
Packing size	L*W*H 1.684m*1.27m*1.037m	
G.W.	190KG	
Rip software	FlexiPRINT Mini/Version 22 Nocai Edition	
Print speed	High quality mode (8pass)	5.5-15.5min/Version
	Standard production mode (6pass)	3.5-10min/Version
	High-speed production mode (4pass)	3-7min/Version
Graphic format	Tiff/Jpg/Pdf	
Connection method	Gigabit Ethernet cable	
Power	AC220/110V, 50HZ/60HZ	
Rated power	143W	
Working environment	Temperature	25°C-28°C
	Humidity	35%-65%
	Dust	Avoid dusty environments
Operating conditions	Avoid direct sunlight	
	Illumination	Environmentally friendly UV curing ink
Ink type	Environmentally friendly UV curing ink	

Fixture (optional)

Electric cylinder fixture	
Support cylinder diameter	Φ30-120mm
Support cylinder length	40~430mm
Applicable materials	Spray-adding cup, stainless steel, plastic, glass, ceramic, wood, acrylic, etc.
Round bottle printing speed	C+W (Round bottle mode does not support varnish printing) 3-20min/individual
Cylindrical fixture packaging dimensions	L*W*H 68*39*14cm
Cylindrical fixture packaging weight	12KG