ARTIS 3000U, A3+ LED UV PRODUCTION WORKHORSE

MATERIALIZE YOUR CREATIVITY INTO COLORS AND SHAPES

- CMYK+WWWW Ink System
- Up to 2880 *1440 d p i
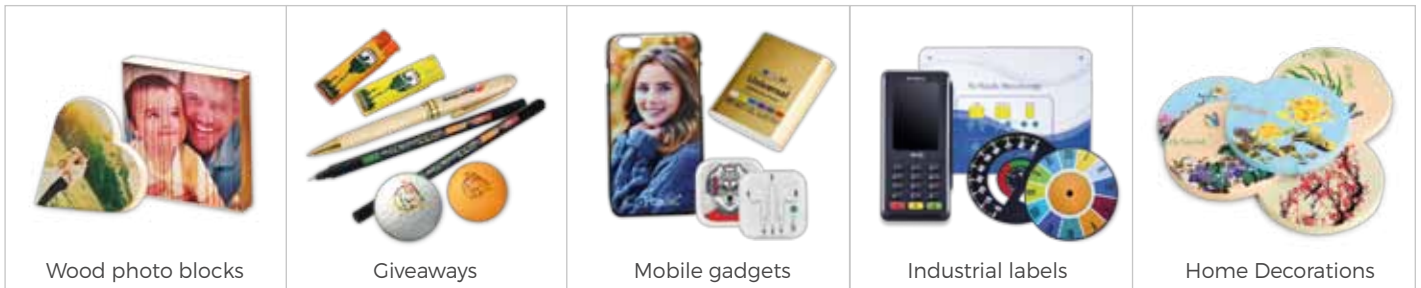- A3+, 280*600 mm (11.02 * 23.62 in)
- 3D Embossed printing

🖨 Applications

| Wood photo blocks | Giveaways | Mobile gadgets | Industrial labels | Home Decorations |

⭐ Engineered to impress

Amazing 3D textured & embossed photo realistic printing

Direct printing on dark and transparent materials

Optimal for printing on both rigid and flexible substrates

Ideal for printing on mobile gadgets (earphones, phone cases, power charger), personalized giveways & promotional items (pens, USB sticks, name tags, golf & ping pong balls, lighters, etc...), PVC cards, wood photo blocks, industrial labels (dial meters, control panels, device covers..), to more

High definition printing on plastics due to the **anti-static module**

Operation convenience with the **unique lateral loading** architecture

Optimal cost saving with **the CISS ink system**

Extended printhead life time with the flash on ink firing technology

Simplified maintenance and safe operation with the **automated printhead cleaning system**

Built in liquid cooling control system and **Auto repeat** control panel print function

Versatile printing with the LED UV module **power level adjustment**

⚙ Technical Specification

Printing specification

Print speed		6 min for Full A3 size @ 1440 x1440 dpi
Printing technology		UV LED
Ink		artisInk DTSAT3 (CMYK + WWWW)
Media	**Applications**	Mobile gadgets (phone cases, power banks, earphones, giveaways and promotional items (pens, golf & ping pong balls), industrial labels (dial meters, device covers..)
	Media Size	330 x 800 mm (12.99 x 31.49 in)
	Thickness	Up to 100 mm (3.93 in)
Printing	**Printing size**	A3+, 280 x 600 mm (11.02 x 23.62 in)
	Printing modes	720 x 1440 dpi 1440 x 1440 dpi 1440 x 2880 dpi
	Print Resolution	Up to 2880 x 1440 dpi
	Print Head	Epson DX5 piezo electric printhead. Made in Japan

Printer specification

Connectivity	**Nozzles**	Variable dot size printing technology, starting from 1.5 pl and up to 21pl
	Ports	USB 2.0
	Operating systems	Windows
Dimensions	**Depth x Width x Height**	Printer 645 x 690 x 490 mm (25.39 x 27.16 x 19.29 in), Shipping 880 x 990 x 650 mm (34.64 x 38.97 x 25.59 in)
Weight		Printer 120 Kg, Shipping 140 Kg
Content of the box		artis 3000U, USB cable, Power cable, User manual book, spare parts package, Driver CD, Ink Chips, Ink tunnels, SCM Cable, Power fuse, RIP Software, Extra back-up Damper
Environmental ranges		10 - 35 ˚
Power consumption and requirements		~75W, Input voltage (auto ranging) 110V/220V 50 - 60 HZ
Certification		CE / FCC / RoHS / REACH / HC certified
Warranty		One year limited warranty

⬇ Ordering Information

Printer	artis 3000U A3+ LED UV
Goods No	AJ-3000U

Ink	DTS Direct to Substrate artisink
DTSAT3 - 1000-001	Cyan UV LED Ink DTSAT3, 1000ml
DTSAT3 - 1000-002	Magenta UV LED Ink DTSAT3, 1000ml
DTSAT3 - 1000-003	Yellow UV LED Ink DTSAT3, 1000ml
DTSAT3 - 1000-004	Black UV LED Ink DTSAT3, 1000ml
DTSAT3 - 1000-005	White UV LED Ink DTSAT3, 1000ml
DTSAT3 - 500-001	Cyan UV LED Ink DTSAT3, 500ml
DTSAT3 - 500-002	Magenta UV LED Ink DTSAT3, 500ml
DTSAT3 - 500-003	Yellow UV LED Ink DTSAT3, 500ml
DTSAT3 - 500-004	Black UV LED Ink DTSAT3, 500ml
DTSAT3 - 500-005	White UV LED Ink DTSAT3, 500ml

Cleaning agent	
AJCA-U-1000-001	Cleaning agent for LED UV inks, 1000 ml
AJCA-U-500-001	Cleaning agent for LED UV inks, 500 ml

Fixing agent	
AJCP-U-1000-001	Fixing agent A/B liquids for UV LED inks, 1000ml
AJCP-U-500-001	Fixing agent A/B liquids for UV LED inks, 500ml

— ECO —

Go green with artisJet's DTSAT3 UV inks. Print toxin free and virtually odorless. DTSAT3 UV inks are environmentally friendly. UV inks are cured and fixed to the substrate when being activated with UV light. The curing process hardens the ink, without any evaporation. Ideal for general industrial use, restaurants, hotels, hospitals and indoor signage application.

◎ artisRIP V9.0, White RIP & CADlink Softwares

Specifically designed for artisJet's UV direct to print systems, all artisJet RIP Softwares offer simple and user friendly intuitive interfaces.

ArtisRip main features are:

Layout platform
Layout editing platform, resize, mirror, text, color adjustment, color gamut check..
Raster and vector images support
Built in customizable print templates for printing pens, phone covers, lighters, wood cases, etc...
Previewing and smart nesting

Print Engine
Vivid color reproduction
Simultaneous printing to multiple print devices
Simultaneous White and CMYK printing
- Color then White print mode
- White then color print mode
Support for jpg, tif, bmp, png, ai and pdf image files
Color management engine base with ICC profiles support
Individual ink channel adjustment
Automatic white ink trapping
Feathering rendering mode (elliminates banding, enhances color transitions)
Direct printing from common graphic software.(CorelDraw, Photoshop, Autocad...)

⟳ Core technology highlight

Flash On Ink Firing System
Intelligently powered by artisPrinters FOIF system, the artis 3000U printer electronically activates the UV LEDs when firing ink only. As a result the life time of the printhead and the UV LEDs is maximized. FOIF also protects the entire ink system including the ink pump, the wiper, the damper, and the cap tops.

Continuous Ink Supply System
Unlike ink cartridges, this system allows for 100% utilization of available ink.

Reformulated LED UV inks
Advanced TIO2 in 80 nanos to keep the ink fluency including W color.

Unique lateral loading platform design
Unique design ensuring a better visibility of the output. Ideal for space constraints workplaces.

Control On Demand System
Designed for an enhanced flexibility and simplicity, artisJet COD digitally controls the operation of the LED UV system. It automatically adapts to different materials and working environments. COD controls the UV Curing mode(Bi-directional, Uni-directional). This will result in delivering an optimal printing quality and drying time.

Safe Water Cooling Control System
Designed for operational extra safety and simplicity, artisJet's SWCC system is built on a digital industrial chilling system. It recycles 300ml of an industrial cooling liquid. The liquid level is visible and refillable on demand to avoid the wearout of the UV LEDs.

Automatic printing height adjustment
Equiped with sensors to automatically adjust head height and reduce the print head strikes.
Automatic ink system maintenance and recycling; holiday module.

Green air purification system
Reduces the smell and boasting with the air purification and the particle collection system.

artisJet
DIRECT TO SUBSTRATE INNOVATION
an innovative brand for smart sizes uv printers

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