



ARTIS 3000U, A3+ LED UV PRODUCTION WORKHORSE

MATERIALIZE YOUR CREATIVITY INTO COLORS AND SHAPES



White + CMYK Ink System



Up to 5760 *1440 dpi



A3+, 280*600 mm



3D Embossed printing

Amazing 3D textured and 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 devices covers and cases, personalized giveaways and promotional items (pens, USB sticks, name tags, accessories, etc...), trophies, PVC card printing, wood printing, industrial labels and packaging

★ Engineered to impress

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

Optimal cost saving with the **continuous ink supply system**

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

Extended printhead life time with the flash on ink firing technology

Simplified operation and maintenance

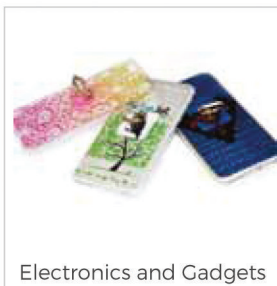
Safe operation with the **automated printhead cleaning system**

Built in liquid cooling control system

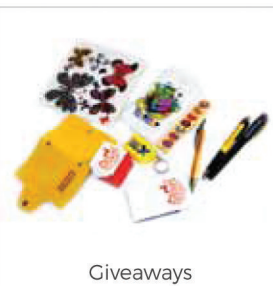
Auto repeat control panel print function

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

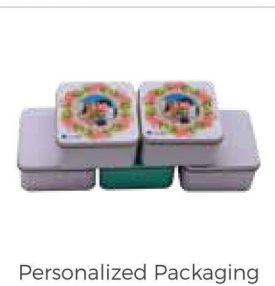
🖨 Applications



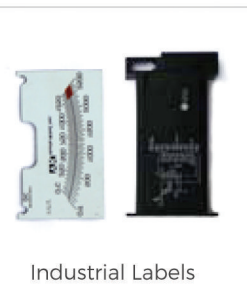
Electronics and Gadgets



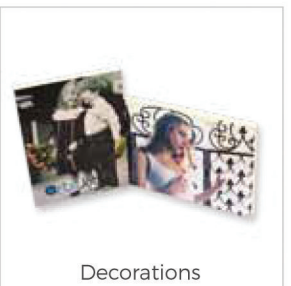
Giveaways



Personalized Packaging



Industrial Labels



Decorations

Printing specification

Print speed	6 min for Full A3 size @1440 x1440 dpi
Printing technology	UV LED
Ink	artisink DTS3 (C,M,Y,K,W), LC, LM, V available
Media	Applications Mobile devices covers and cases, personalized giveaways, promotional items (pens, USB sticks, name tags, accessories), trophies, PVC card printing, wood printing, industrial labels and packaging
	Media Size A3+, 280 x 600 mm (11.02 x 23.62 in)
	Thickness Up to 90 mm (3.54 in)
Printing	Printing modes 4 pass 6 pass 8 pass
	Print Resolution Up to 5760 x 1440 dpi
	Print Head On demand 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 3000 U, 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 certified
Warranty (Machine)	One year limited warranty
Warranty (Head)	Six Months limited warranty

* User has to take calibration print every alternate days & keep the record without that warranty will be Void.

artisRIP Software

Specifically designed for artisJet's UV direct to print systems, ARTISRIP offers a simple and user friendly intuitive interface.

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 (eliminates 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
Equipped 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.

ECO

Go green with artisJet's DTS3 UV inks. Print toxin free and virtually odorless. DTS3 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.



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