



### ARTIS 3000U, A3+ LED UV PRODUCTION WORKHORSE

MATERIALIZING 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**

<b>Print speed</b>	6 min for Full A3 size @1440 x1440 dpi
<b>Printing technology</b>	UV LED
<b>Ink</b>	artisink DTS3 (C,M,Y,K,W), LC, LM, V available
<b>Media</b>	<b>Applications</b> 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
	<b>Media Size</b> A3+, 280 x 600 mm (11.02 x 23.62 in)
	<b>Thickness</b> Up to 90 mm (3.54 in)
<b>Printing</b>	<b>Printing modes</b> 4 pass 6 pass 8 pass
	<b>Print Resolution</b> Up to 5760 x 1440 dpi
	<b>Print Head</b> On demand Epson DX5 piezo electric printhead. Made in Japan

**Printer specification**

<b>Connectivity</b>	<b>Nozzles</b>	Variable dot size printing technology, starting from 1.5 pl and up to 21pl
	<b>Ports</b>	USB 2.0
	<b>Operating systems</b>	Windows
<b>Dimensions</b>	<b>Depth x Width x Height</b>	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)
<b>Weight</b>		Printer 120 Kg, Shipping 140 Kg
<b>Content of the box</b>		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
<b>Environmental ranges</b>		10 - 35 °
<b>Power consumption and requirements</b>		~75W, Input voltage (auto ranging) 110V/220V 50 - 60 HZ
<b>Certification</b>		CE certified
<b>Warranty</b>		One year limited warranty

**Printer**

**Ink**

DTS3 - 1000-001	
DTS3 - 1000-002	
DTS3 - 1000-003	
DTS3 - 1000-004	
DTS3 - 1000-005	
DTS3 - 1000-006	
DTS3 - 1000-007	
DTS3 - 1000-008	
DTS3 - 500-001	
DTS3 - 500-002	
DTS3 - 500-003	
DTS3 - 500-004	
DTS3 - 500-005	
DTS3 - 500-006	
DTS3 - 500-007	
DTS3 - 500-008	

**artis 3000 U**

**DTS Direct to Substrate artisink**

Cyan UV LED Ink DTS3, 1000ml	
Magenta UV LED Ink DTS3, 1000ml	
Yellow UV LED Ink DTS3, 1000ml	
Black UV LED Ink DTS3, 1000ml	
Light Cyan UV LED Ink DTS3, 1000ml	
Light Magenta UV LED Ink DTS3, 1000ml	
White UV LED Ink DTS3, 1000ml	
Varnish UV LED Ink DTS3, 1000ml	
Cyan UV LED Ink DTS3, 500ml	
Magenta UV LED Ink DTS3, 500ml	
Yellow UV LED Ink DTS3, 500ml	
Black UV LED Ink DTS3, 500ml	
Light Cyan UV LED Ink DTS3, 500ml	
Light Magenta UV LED Ink DTS3, 500ml	
White UV LED Ink DTS3, 500ml	
Varnish UV LED Ink DTS3, 500ml	

DTS3 - 200-001	Cyan UV LED Ink DTS3, 200ml
DTS3 - 200-002	Magenta UV LED Ink DTS3, 200ml
DTS3 - 200-003	Yellow UV LED Ink DTS3, 200ml
DTS3 - 200-004	Black UV LED Ink DTS3, 200ml
DTS3 - 200-005	Light Cyan UV LED Ink DTS3, 200ml
DTS3 - 200-006	Light Magenta UV LED Ink DTS3, 200ml
DTS3 - 200-007	White UV LED Ink DTS3, 200ml
DTS3 - 200-008	Varnish UV LED Ink DTS3, 200ml

**Cleaning agent**

BRCA-U-1000-001	Cleaning agent for LED UV inks, 1000 ml
BRCA-U-500-001	Cleaning agent for LED UV inks, 500 ml
BRCA-U-200-001	Cleaning agent for LED UV inks, 200 ml

**Fixing agent**

BRCA-U-1000-001	Fixing agent A/B liquids for UV LED inks, 1000ml
BRCA-U-1000-001	Fixing agent A/B liquids for UV LED inks, 500ml
BRCA-U-1000-001	Fixing agent A/B liquids for UV LED inks, 200ml



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.

 **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.

