



ARTIS 3060U, A3+ LED UV SERVO MOTOR DRIVEN PLATFORM

PRECISION PRINTING RESULTS
AT AN OPTIMAL COST



White + CMYK
Ink System



Up to 2880 * 1440 dpi



A3+, 280*600 mm



3D Embossed printing

Multiple layers printing for an outstanding 3D effect

High printing resolution and up to 2880 dpi

Ability to print on various media (phone cases, power banks, promotional items, PVC cards, leather printing, wooden boxes etc.)

Outstanding printing for exclusive ideas on both rigid and flexible substrates

Direct printing on substrates, even on electronic devices

White ink channel (CMYKWW) for printing on dark and transparent materials

★ Built to perform

Precision printing due to the **servo motor driven printing table**

Optimal cost saving due to the **continuous ink supply system** and simplified maintenance

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

Extended printhead life time with the **flash on ink firing technology**

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

Built in **liquid cooling control system**

Auto repeat printing control panel function

Wide media compatibility due to the LED UV module **power level adjustment**

🖨 Applications



Electronics and Gadgets



Phonecases



Promotional Items



PVC Cards



Toys and play arounds

Printing specification

Print speed	8 min for Full A3+ size
Printing technology	UV LED
Ink	artisink DTSAT3 (C,M,Y,K,W,W)
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 85 mm (3.34 in)
Printing	Printing modes 4 pass 6 pass 8 pass
	Print Resolution Up to 2880 x 1440 dpi
	Print Head On demand Epson L801 piezo electric printhead. Made in Japan

Printer specification

Connectivity	Nozzles Variable dot size printing technology, starting from 1.5 pl and up to 21 pl
	Ports USB 2.0
	Operating systems Windows
Dimensions	Depth x Width x Height Printer 780 x 900 x 600 mm (30.70 x 35.43 x 23.62 in), Shipping 1000 x 880 x 640 mm (39.37 x 34.64 x 25.19 in)
Weight	Printer 90 Kg, Shipping 120 Kg
Flatbed transmission	Servo motor
Content of the box	artis 3060 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	~75 W, Input voltage (auto ranging) 110V/220V 50 - 60 HZ
Certification	CE certified
Warranty	One year limited warranty

Printer

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 - 1000-006	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
DTSAT3 - 500-006	White UV LED Ink DTSAT3, 500ml
DTSAT3 - 200-001	Cyan UV LED Ink DTSAT3, 200ml
DTSAT3 - 200-002	Magenta UV LED Ink DTSAT3, 200ml
DTSAT3 - 200-003	Yellow UV LED Ink DTSAT3, 200ml
DTSAT3 - 200-004	Black UV LED Ink DTSAT3, 200ml
DTSAT3 - 200-005	White UV LED Ink DTSAT3, 200ml
DTSAT3 - 200-006	White UV LED Ink DTSAT3, 200ml
Cleaning agent	
BRCA-UAT3-1000-001	Cleaning agent for LED UV inks, 1000 ml
BRCA-UAT3-500-001	Cleaning agent for LED UV inks, 500 ml
BRCA-UAT3-200-001	Cleaning agent for LED UV inks, 200 ml
Fixing agent	
BRCP-U-1000-001	Fixing agent A/B liquids for UV LED inks, 1000ml
BRCP-U-500-001	Fixing agent A/B liquids for UV LED inks, 500ml
BRCP-U-200-001	Fixing agent A/B liquids for UV LED inks, 200ml

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 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 3060U 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.

Self-automated printing height adjustment

Equipped with sensors to automatically adjust head height and reduce the print head strikes.

Green air purification system

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

