



### ARTIS 2100U, ERGONOMIC A4 LED UV DIRECT PRINTER

START A NEW BUSINESS WITH  
THE ARTISJET A4 PRINTING SYSTEM



CMYK + WW  
Ink System



Up to 2880 \* 1440 dpi



A4+, 180 \* 297 mm  
(7.08 \* 11.69 in)



3D Embossed printing

### Applications



### ★ Limited Footprint Yet Great Printing Results

Embossed 3D Printing raised color effect

High printing resolution and up to 2880 dpi

Ideal for smartphone protective covers printing, custom gifts items, giveaways, PVC card printing, RFID cards, lighters, to more

Versatile printer suitable for printing on flexible and hard substrates

White ink channel for printing on dark and transparent materials

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

Minimal operational cost with the **CISS continuous ink supply system**

Simplified operation and maintenance

**Built in** liquid cooling control system

**Y axis servo motor** for an increased printing quality

## Printing specification

<b>Print speed</b>	4 min for Full A4 size
<b>Printing technology</b>	UV LED
<b>Ink</b>	CMYK + WW
<b>UV system</b>	40W with water circulation system
<b>Ink supply</b>	CISS (Continuous Ink Supply System)
<b>Media Applications</b>	Mobile devices cover printing, custom gifts items, giveaways, PVC card printing...etc..
<b>Media Size</b>	210 x 320 mm (8.26 x 12.59 in)
<b>Thickness</b>	50 mm (1.96 in)
<b>Printing Printing Size</b>	A4, 180 x 297 mm (7.08 x 11.69 in)
<b>Printing modes</b>	720 x 1440 dpi 1440 x 1440 dpi 1440 x 2880 dpi
<b>Print Resolution</b>	Up to 2880 *1440 dpi
<b>Printing Direction</b>	Unidirection / Bidirection
<b>Print Head</b>	Piezoelectric 180*6 nozzles printhead

## 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>Nozzle Number</b>	540
	<b>Operating systems</b>	Windows
<b>Dimensions</b>	<b>Depth x Width x Height</b>	Printer 570 x 670 x 460 mm (22.44 x 26.37 x 18.11 in) Shipping 680 x 880 x 590 mm (26.77 x 34.64 x 23.22 in)
<b>Weight</b>		Printer 48 Kg, Shipping 63 Kg
<b>Flatbed transmission</b>		Servo motor
<b>Table up/down mode</b>		Motorized 50 mm (1.96 in)
<b>Content of the box</b>		artis 2100 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>		~75 W, Input voltage (auto ranging) 110V/220V 50 - 60 HZ
<b>Certification</b>		CE / FCC / RoHS / REACH / HC certified
<b>Warranty</b>		1 year limited warranty

## Printer

**artis 2100U A4 LED UV**

### Goods No.

AJ-2100U

### Ink

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 Lite & artisRIP V9.0 Software

Designed with the simplicity of use in mind, for artisJet RIP supports all artisJet printers models. It is suitable for beginners who are looking for a consistent vivid color output.

ArtisRip Lite main features are:

### Layout platform

- Simple user-friendly interface
- Print origin setting, image resizing
- Raster and Vector images support
- Repetitive print jobs for industrial applications
- Previewing

### Print Engine

- Vivid color reproduction
- Bi-directional and Uni-directional print modes
- Supports multiple ink channel configurations
- Supports different resolution print modes (360x360 and up to 1440x2880dpi)
- Support for jpg, tiff, bmp, png, eps and pdf image files
- Total ink limit and individual ink channel limit settings
- Color management engine with ICC profiles support
- 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 2100U 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.

### 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.

