



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

Embossed 3D Printing

High printing resolution and up to 2880 dpi

Ideal for mobile devices cover printing, custom gifts items, giveaways, PVC card printing...etc..

Versatile printer suitable for printing on flexible and hard substrates

White ink channel for printing on dark and transparent materials

★ Limited Footprint Yet Great Printing Results

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

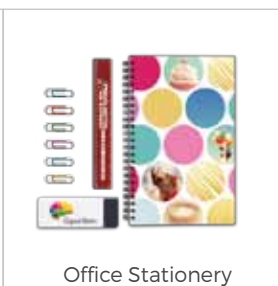
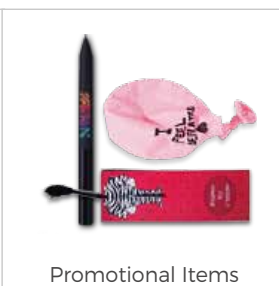
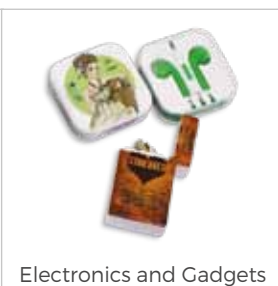
Minimal operational cost with the **continuous ink supply system**

Simplified operation and maintenance

Built in liquid cooling control system

Y axis servo motor for an increased printing quality

🖨 Applications



Printing specification

Print speed	4 min for Full A4 size
Printing technology	UV LED
Ink	CMYK W / CMYK LC LM
UV system	40W with water circulation system
	Ink supply
	CISS (Continuous Ink Supply System)
Media	Applications
	Mobile devices cover printing, custom gifts items, giveaways, PVC card printing...etc..
	Media Size
	A4, 180 x 297 mm (7.08 x 11.69 in)
	Thickness
	50 mm (1.96 in)
Printing	Printing modes
	4 pass 6 pass 8 pass
	Print Resolution
	Up to 2880 *1440 dpi
	Printing Direction
	Not adjustable, bidirectional lighting
	Print Head
	On demand Piezoelectric 180*6 nozzles printhead

Printer specification

Connectivity	Nozzles	Variable dot size printing technology, starting from 1.5 pl and up to 21pl
	Ports	USB 2.0
	Nozzle Number	540
	Operating systems	Windows 8, 7, Vista & XP
Dimensions	Depth x Width x Height	Printer 570 x 560 x 440 mm (22.44 x 22.04 x 17.32 in) Shipping 630 x 790 x 620 mm (24.80 x 31.10 x 24.40 in)
Weight		Printer 48 Kg, Shipping 63 Kg
Flatbed transmission		Servo motor
Table up/down mode		Motorized 50 mm (1.96 in)
Content of the box		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
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

artis 2100U A4 LED UV

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
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

Cleaning agent

AJCA-UAT3-1000-001	Cleaning agent for LED UV inks, 1000 ml
AJCA-UAT3-500-001	Cleaning agent for LED UV inks, 500 ml
AJCA-UAT3-200-001	Cleaning agent for LED UV inks, 200 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
AJCP-U-200-001	Fixing agent A/B liquids for UV LED inks, 200ml

Software

artisRIP Lite software



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 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.

