



ARTIS 2100U, THE ALL NEW ERGONOMIC A4 LED UV PRINTER

START A NEW BUSINESS WITH THE ARTISJET A4 PRINTING SYSTEM



White + CMYK Ink System



Up to 2880 * 1440 dpi



A4+, 180*297 mm



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**

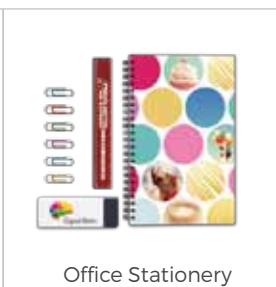
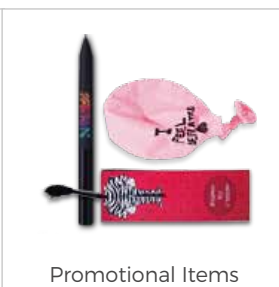
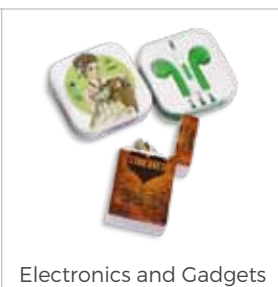
Minimal operational cost with the **continuous ink supply system**

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 21 pl |
| | Ports | USB 2.0 |
| | Nozzle Number | 540 |
| | Operating systems | Windows 8, 7, Vista & XP |
| Dimensions | Depth x Width x Height | Printer 390 x 523 x 580 mm (15.35 x 20.59 x 22.83 in) |
| Weight | | Printer 28 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 | | ~75W, Input voltage (auto ranging) 110V/220V 50 - 60 HZ |
| Certification | | CE certified |
| Warranty | | One year limited warranty |

Printer

artis 2100 U

| | |
|-------------------|---|
| 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

| | |
|--------------------|---|
| 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 |

Software

artisRIP Lite software

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 Software

Designed with the simplicity of use in mind, for artisJet RIP supports all BR 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.

