





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 giveways 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



## **Ordering Information**

#### Printing specification

Print speed 6 min for Full A3 size @1440 x1440 dpi

Printing technology UV LED

artisink DTS3 (C,M,Y,K,W), LC, LM, V available Ink

Mobile devices covers and cases, personalized giveways, promotional items (pens, USB sticks, name tags, accessories), trophies, PVC card printing, wood printing, industrial labels and sealencing. Media Applications

Media Size A3+, 280 x 600 mm (11.02 x 23.62 in)

Up to 90 mm (3.54 in)

Printing Printing modes 4 pass

6 pass 8 pass

Print Resolution Up to 5760 x 1440 d pi

Print Head On demand E pson DX5 piezo electric printhead.

#### Printer specification

Connectivity Nozzles Variable dot size printing technology, starting from 1.5 pl and up to 21pl

> Ports USB 2.0 Operating systems

Dimensions Depth x Width x Height 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)

Weight Printer 120Kg, Shipping 140 Kg

Content of the box 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

Environmental ranges

~75W, Input voltage (auto ranging) 110V/220V 50 - 60 HZ Power consumption

and requirements

Certification CE certified

Warranty One year limited warranty

Printer	artis 3000 U
Ink	DTS Direct to Substrate artisink
DTS3 - 1000-001 DTS3 - 1000-002 DTS3 - 1000-003 DTS3 - 1000-004 DTS3 - 1000-005 DTS3 - 1000-006 DTS3 - 1000-007 DTS3 - 1000-008	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
DTS3 - 500-001 DTS3 - 500-002 DTS3 - 500-003 DTS3 - 500-004 DTS3 - 500-005 DTS3 - 500-006 DTS3 - 500-007 DTS3 - 500-008	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 DTS3 - 200-002 DTS3 - 200-003 DTS3 - 200-004 DTS3 - 200-005 DTS3 - 200-006 DTS3 - 200-007 DTS3 - 200-008	Cyan UV LED Ink DTS3, 200ml Magenta UV LED Ink DTS3, 200ml Yellow UV LED Ink DTS3, 200ml Black UV LED Ink DTS3, 200ml Light Cyan UV LED Ink DTS3, 200ml Light Magenta UV LED Ink DTS3, 200ml White UV LED Ink DTS3, 200ml Varnish UV LED Ink DTS3, 200ml
Cleaning agent BRCA-U-1000-001 BRCA-U-500-001 BRCA-U-200-001	Cleaning agent for LED UV inks, 1000 ml Cleaning agent for LED UV inks, 500 ml Cleaning agent for LED UV inks, 200 ml
Fixing agent BRCA-U-1000-001 BRCA-U-1000-001 BRCA-U-1000-001	Fixing agent A/B liquids for UV LED inks, 1000ml Fixing agent A/B liquids for UV LED inks, 500ml Fixing agent A/B liquids for UV LED inks, 200ml



Go green with artis.Jet'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 (elliminates 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

Continuous Ink Supply System

Unlike ink cartridges, this system allows for 100% utilization of available ink.

Reformulated LED UV inks

Advanced TIO2 in 80 namos to been little in the frame Systeming W color.

Unique lateral loading platform design

Unique design ensuring a better visibility of the output. Ideal for space constraints workplaces.

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

Equiped 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.











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