



# • artisJet Young

The Signature 2.5 – 3D LED UV Printer

2021



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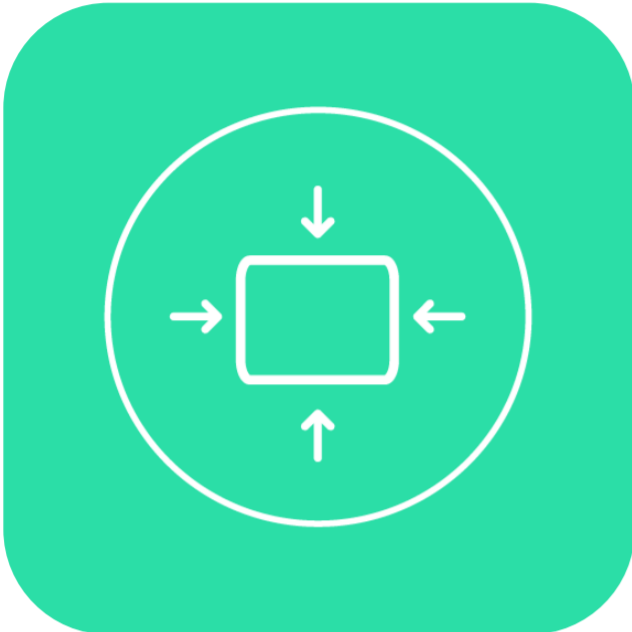
# Printer Overview



# Balanced Tech & Creativity



# Data Overview



## Print area

A4 (21 x 30 cm)



## 2.5 – 3D

Raised Graphics Printing



## Ink

CMYK+WWWW / CMYK+WW



## Instant

Ink drying within milliseconds



## High Res

Up to 720 \* 2880 dpi



## Save

Small operation space



## Safe

Green air quality, RISC Certified



## Tactile

ADA Braille Printing

# Key Specifications



<b>Product SKU</b>	AJ-Young1
<b>Launching Date</b>	1 <sup>st</sup> of June 2020
<b>Printer Full Size</b>	83 * 77 * 47 cm (D*W*H)
<b>Printer Weight</b>	80 kg
<b>Print Method</b>	Direct to Substrate
<b>Ink Type</b>	DTSAT3 UV LED
<b>Ink Channels</b>	CMYK + WWWW / CMYK + WW
<b>Software</b>	artisJet Workstation & artisRIP V9.0





# Next Level Printing Experience

The NEW artisJet Young is a versatile compact flatbed model with high printing precision, covering all materials (plastic, wood, glass, leather, metal, acrylic, films etc.), and up to 5 cm printing height, which changes the dynamic of a small printer by enhancing the custom production capabilities of businesses.

## COSMETICS

Print on round and rectangular lipsticks  
45 to 60 seconds full print on lipsticks  
0.02 \$ / lipstick tube



## GOLF BALLS

24 pcs / 2 minutes / pass  
0.002 \$ / golf ball  
High quality logo & picture print  
Convex surface print up to 6 mm



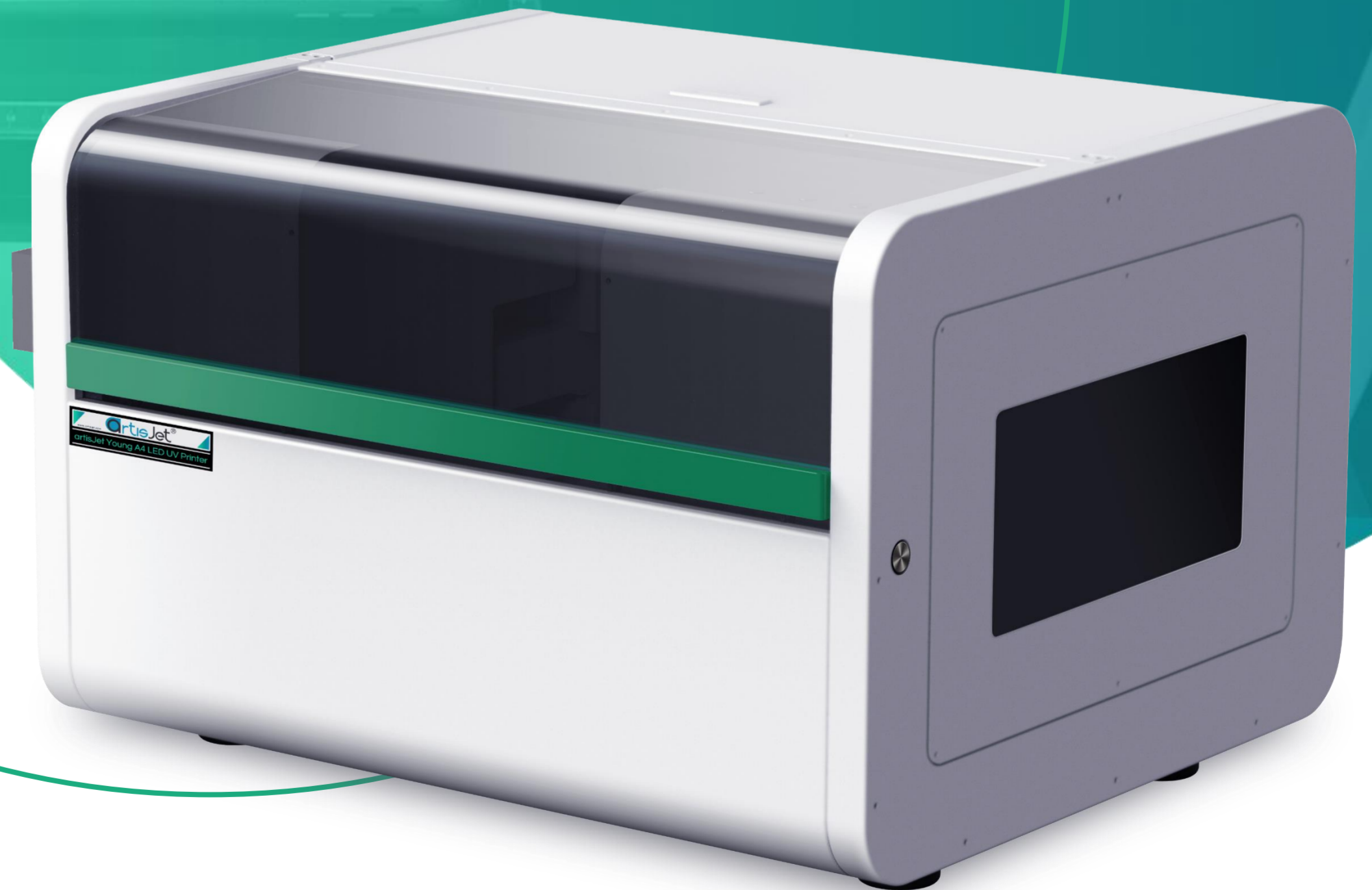
## SMARTPHONE CASES

Multi-materials compatible: PC, silicone, etc.  
3 to 4 iPhone 6 cases / 3 minutes / pass  
0.016 \$ / iPhone6 case



## USB DATA STICKS

Print to wood, metal, plastic to more  
Easily print logos, sharp text & images  
0.002 \$ / small metallic USB disk





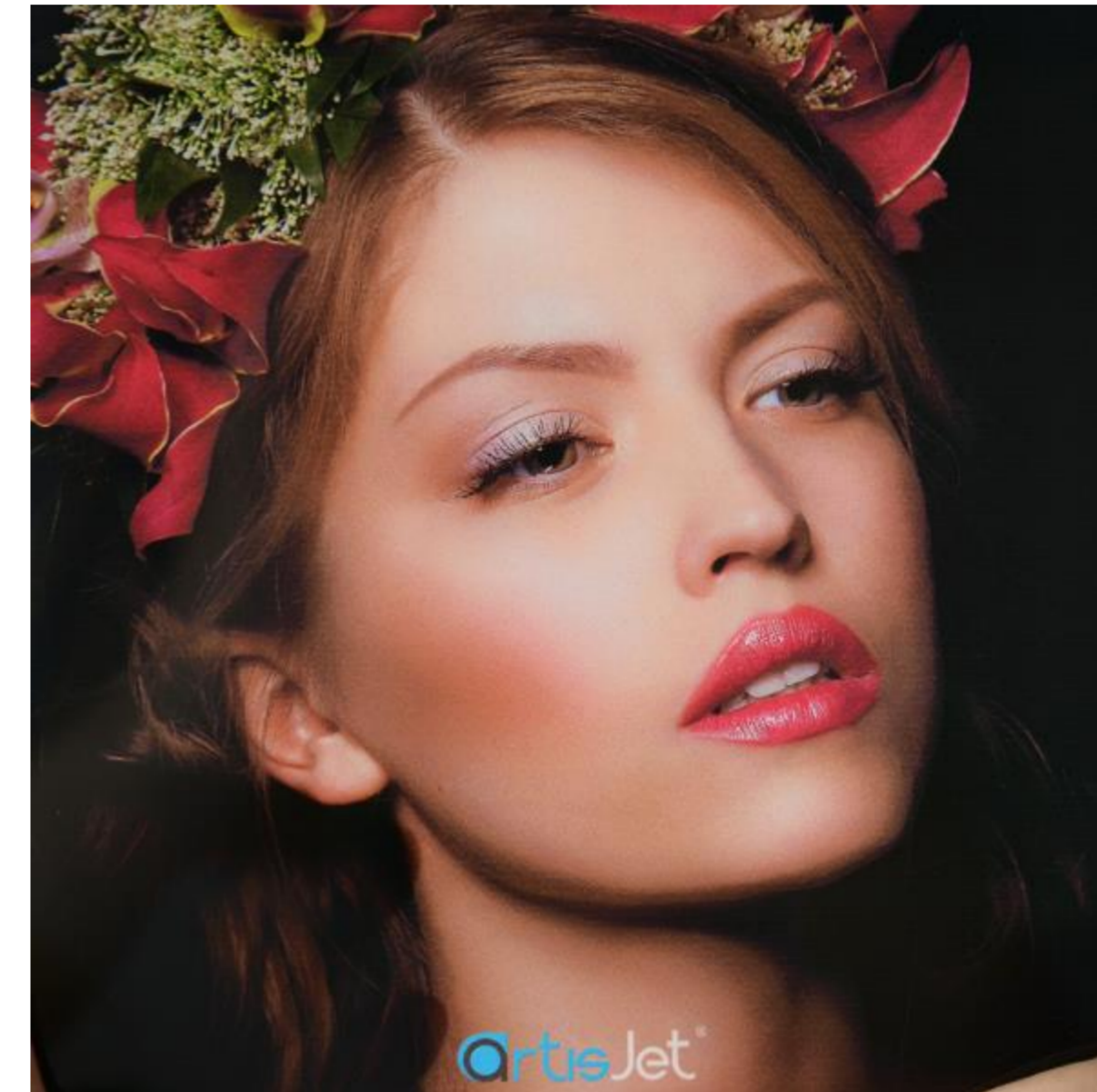
# Over the top Print Effects

A reliable UV inkjet direct printer, expect smooth and sharp color quality, and benefit from a variety of printing effects.



## 2.5-3D Embossed Tactile Printing

The 3D textured print increases the value of the printed products and makes them memorable.



## Vivid & True Photo Quality

Richer and vibrant colors with fast print drying due to LED UV instant curing process.



## ADA Braille Printing

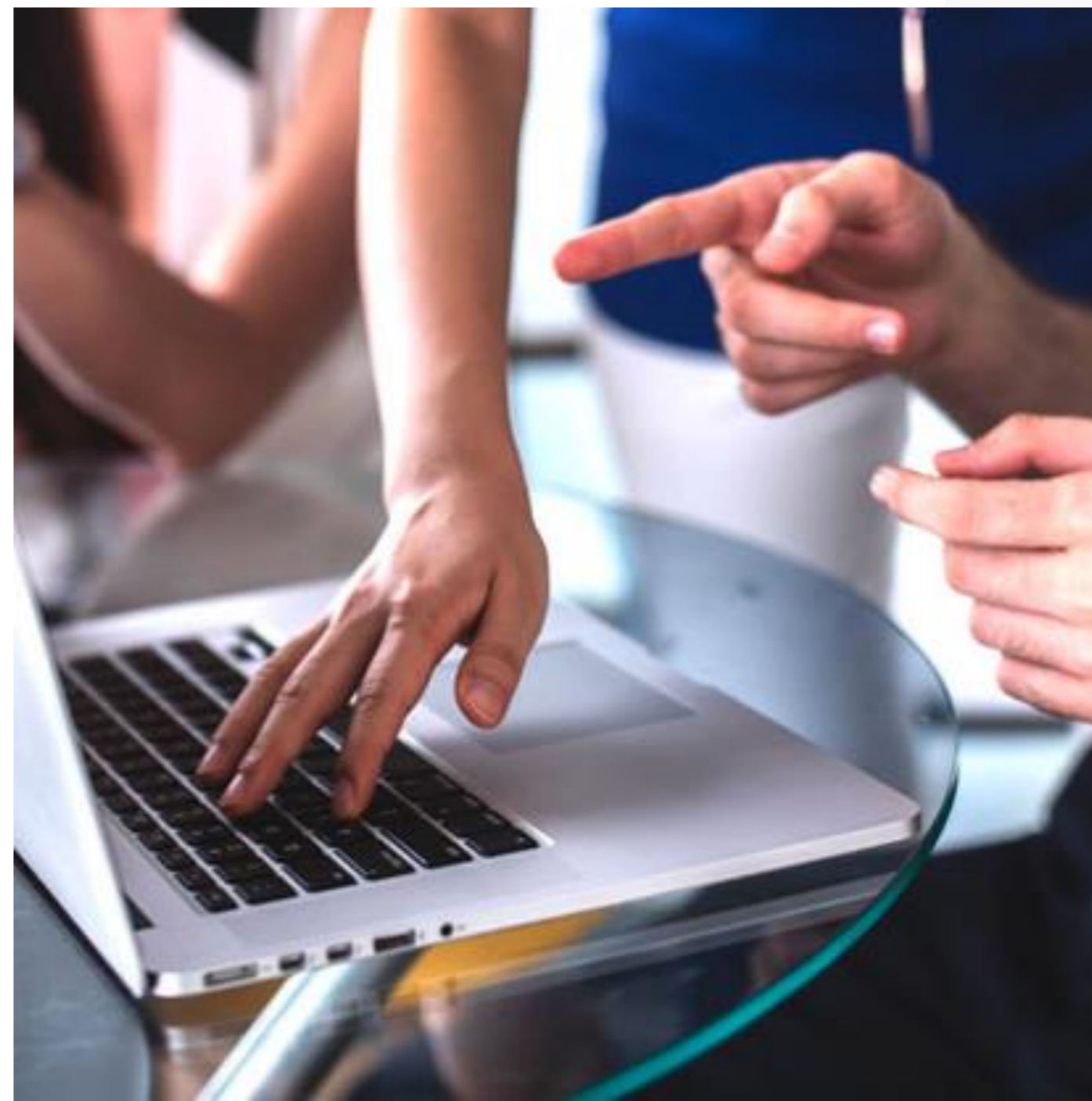
Benefiting from the BPAP unique technology for Braille, artisJet Young will enable you to print Braille signs at one pass.





# Your Creative Business Companion

Run a smooth production without delays in start-up business development, home-based businesses, in-store printing and shopping mall booth setup, as well as online business: artisJet Young has the right size and the right printing area for your day to day performance with custom products. Anywhere. Anytime.



**HOME BASED PRINTING BUSINESS**

**ONLINE PERSONALIZATION BUSINESS**

**SHOPPING MALL GIFT KIOSKS**

**IN-STORE PRINTING SETUP FOR CUSTOMERS**





2

Technology  
Highlights



# Production Efficiency Technology

Compared to screen printing, which requires extensive and expensive preparation, direct digital printing with artisJet Young A4 LED UV printer is a time saving solution, raising production efficiency with hassle free preparation and reduced costs.

artisJet Young is a simple, comprehensive and easy to work with print system to improve business even in a limited yet high value location, covering different markets and businesses:

- Stationery shops
- Tobacco & promotional lighters
- Mobile phone digital stores
- Souvenirs shops to more.
- Cosmetics & Beauty brands



Plan



Invest



Reach customers



High ROI



# Smart & Safe Performance



## ADVANCED LED UV CURING SYSTEM

Durable Built-in UV LED curing system based on 365;  
Flexible power adjustment on demand  
Silent working process

## EXTENDED PRINTER HEAD & NOZZLE LIFE

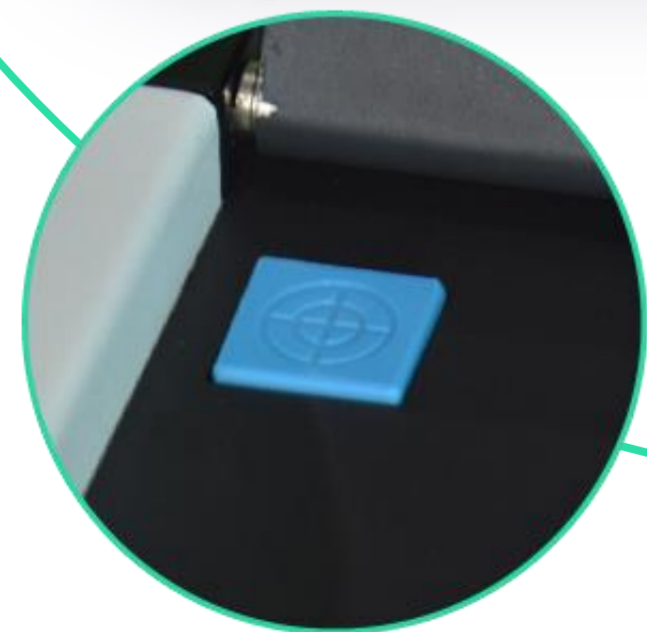
Piezoelectric technology Epson print head;  
Precise ink shoot & fine print results;  
Extended lifespan operation print head.

## SAFETY & CONTROL

STOP-IF-OPEN sensors system;  
Ink drop shooting power adjustment;  
Smart ink channel swift;  
Fully enclosed working environment.

## SMART CONTROL PANEL

Easy on demand control system;  
Engineer Mode for authorized operation;  
Automatic height measurement;  
One click accurate positioning.





# Comfort & Green Working Environment

Totally different from traditional printers, the artisJet Young A4 LED UV printer opens up a new page to all designers, creatives, dreamers, and brand business development to more, with its unique features for clean air environment:

A professional **BUILT-IN AIR PURIFICATION SYSTEM (APS)** with several filters, reducing emission of the pollutants to ensure COMFORT for a SAFE WORKING ENVIRONMENT.

The Air Purification System keeps the air clean, with a wind of 150 CMB / Hour.



TVOC



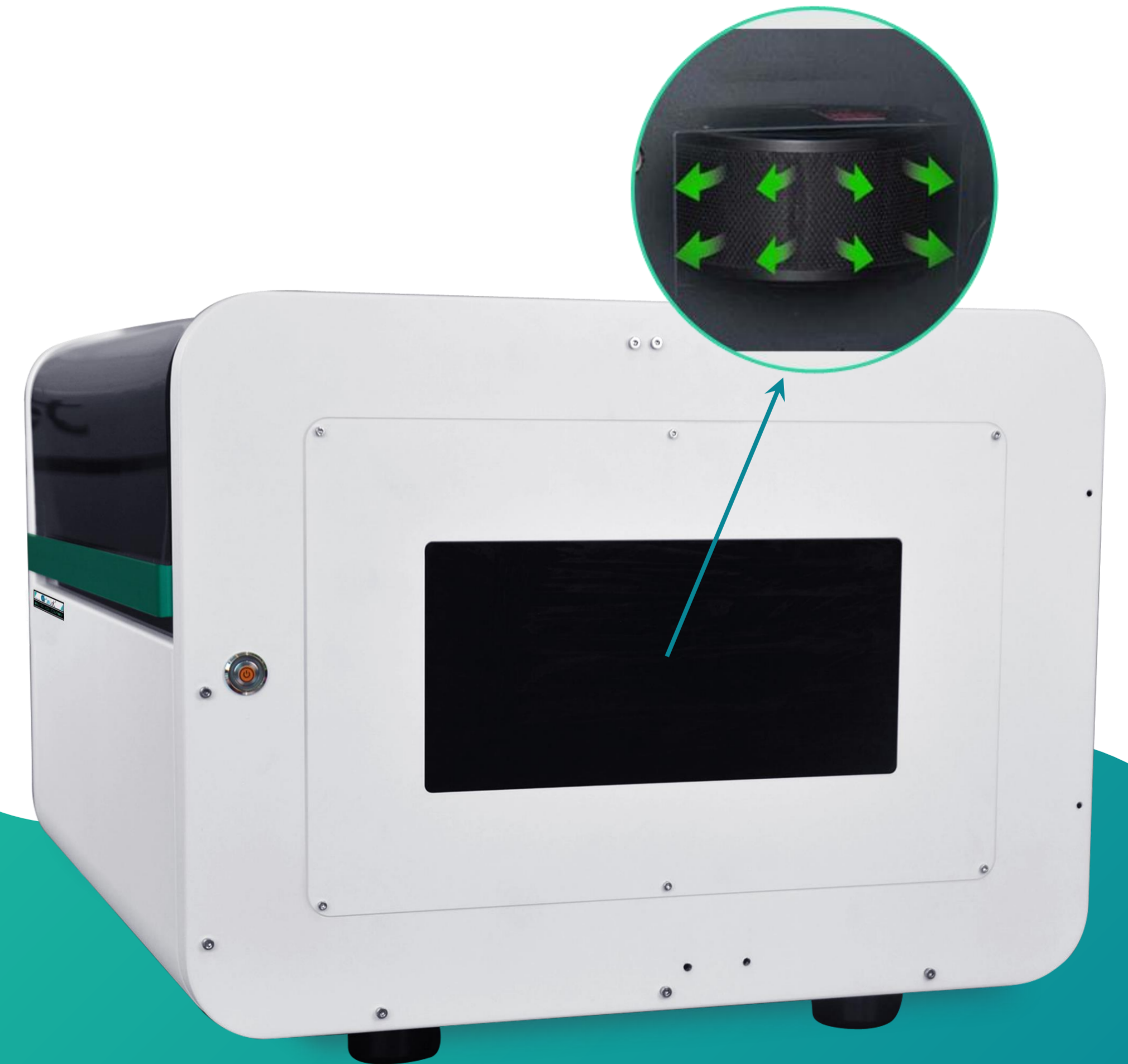
HCOC



CADR



PM 2.5



# Eco-Green Ink

## System Optimization



### DTSAT3 LED UV Ink

150 ml ink cartridges with strong sustainability and accurate ink level indicator



### Instant curing

Built-in UV LED light source dries the ink just milliseconds after it's applied



### Economical

Cost effective advantage for the ink you use, and easy ink cartridges replacement



### Compatibility

Direct print on multiple items with no hassle, even on thin and transparent materials



### Durable colors

Superior scratch & alcohol resistance, with up to 3 years outdoor durability and under continuous use



### Time saving

By printing directly, UV printing inks does not require lots of wait time (and space) while it dries



### High adhesion

High color density & perfect gradient print finishes, initiating a strong bond with the substrate



### Easy maintenance

Automatic ink flow, ink cleaning & maintenance directly from artisJet WorkStation, in quick simple steps



### No VOC emissions

Due to quickly ink drying, there is no release of any volatile organic compounds



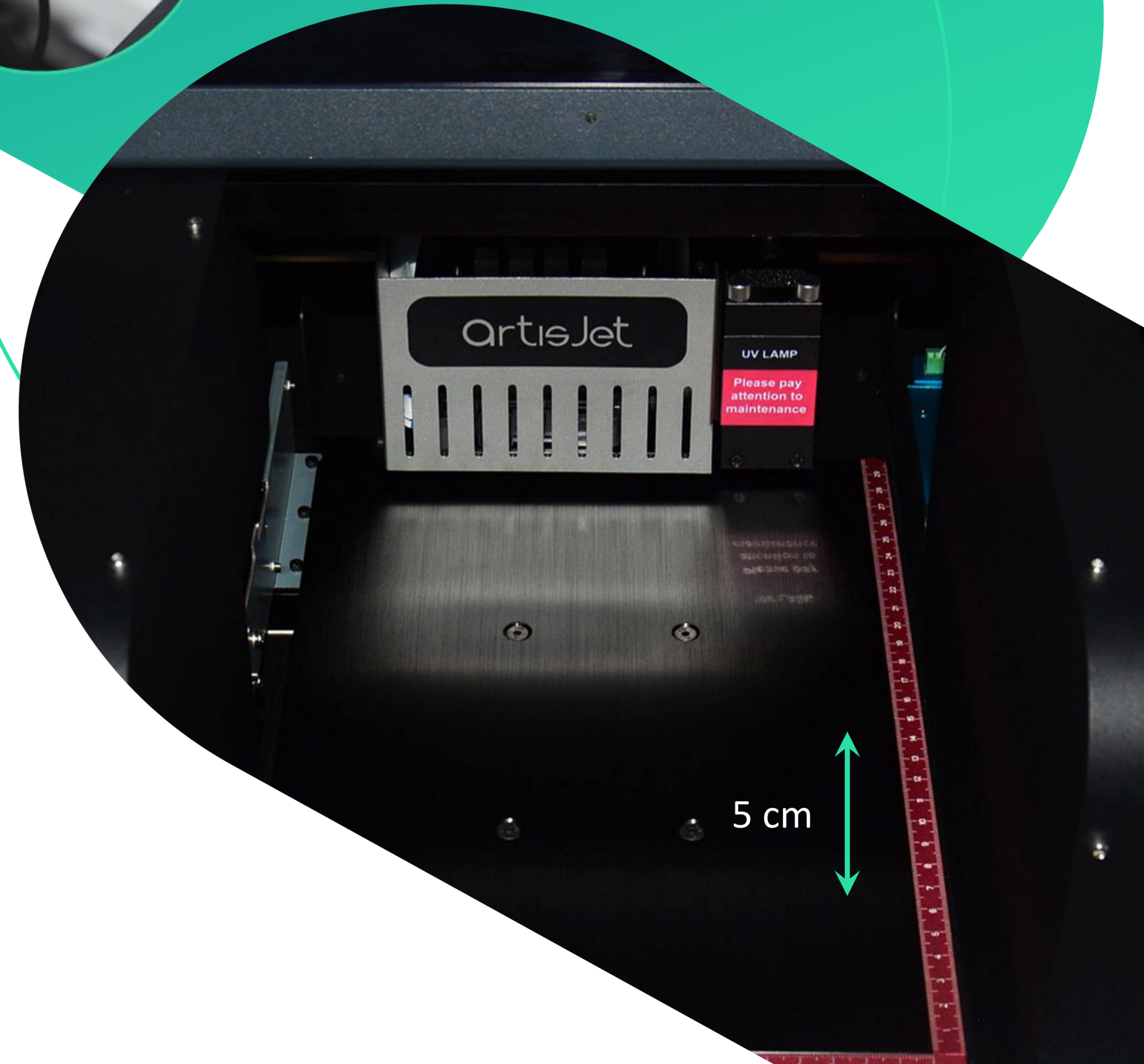
# Automatic Height Adjustment



The automated system for flatbed height adjustment accommodates different sized products up to 50 mm (1.96 inches), but with the availability for on demand print height customization, according to the printing requirements.

artisJet Control System detects the materials' printing height and positioning automatically at one click, due to integrated sensors.

It's a TIME SAVING solution: by one click, the printing height and positioning will be located to the right and safe position itself, also extending the life span of your printer head.







3

Software &  
Connectivity



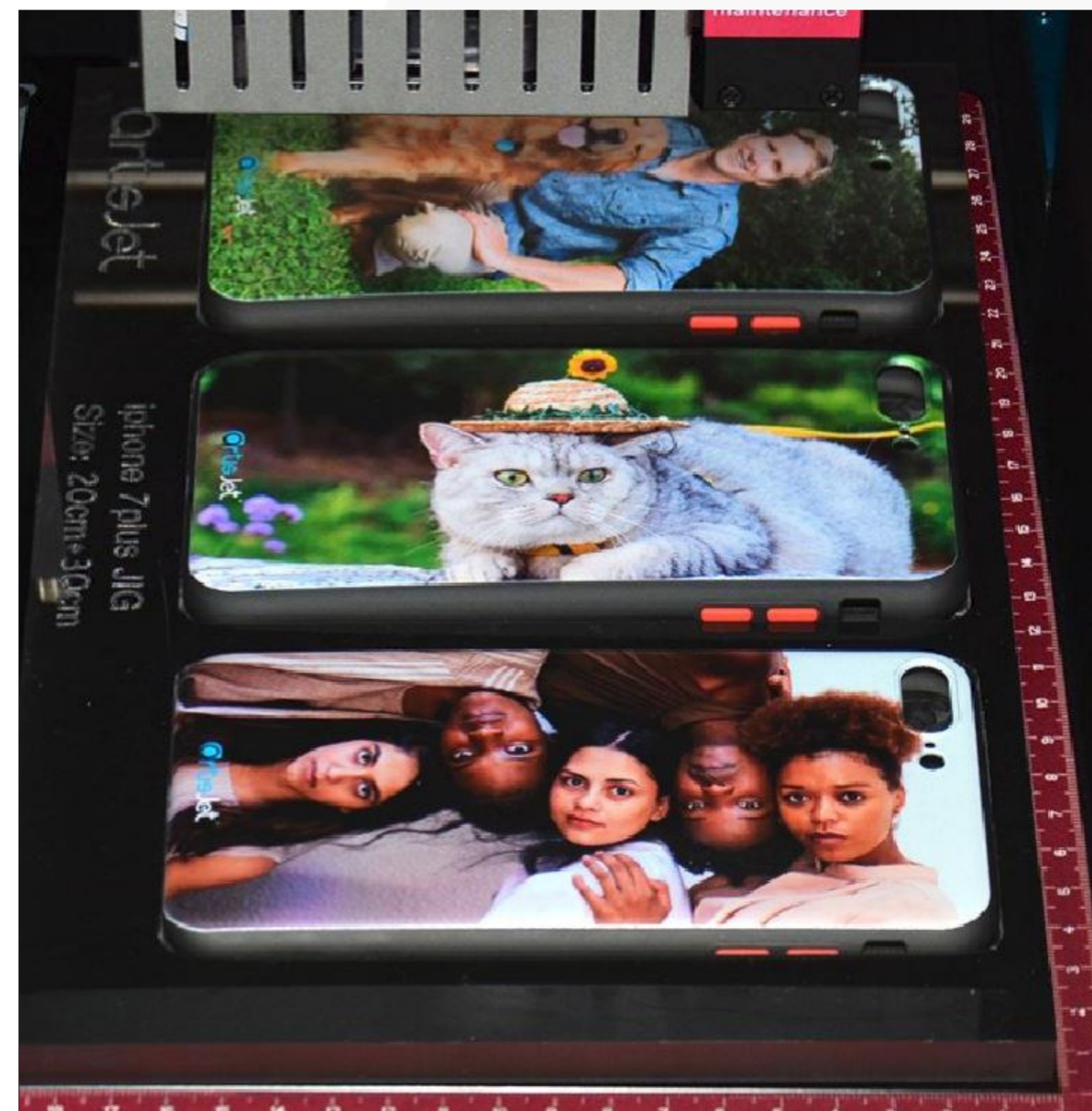
# Materializing Design-to-Print

Unwind your creativity with digital smart printing in ONE CLICK!

With simplicity and effectiveness in mind, artisJet Young printer is enhanced by the easy software integration so you can print directly from a series of compatible artwork / images resources (.jpg, .tiff, .pdf, .eps, .psd, etc.)

You can turn your IP (Intellectual Property) design-to-print ideas into real personalized products even from the comfort of your home, or bring high-added value to your brand to differentiate on the market via customization printing and interactive marketing.

Acquire your independence from working with a third party entity when it comes to POD (print-on-demand) and bring more value to your business and products.

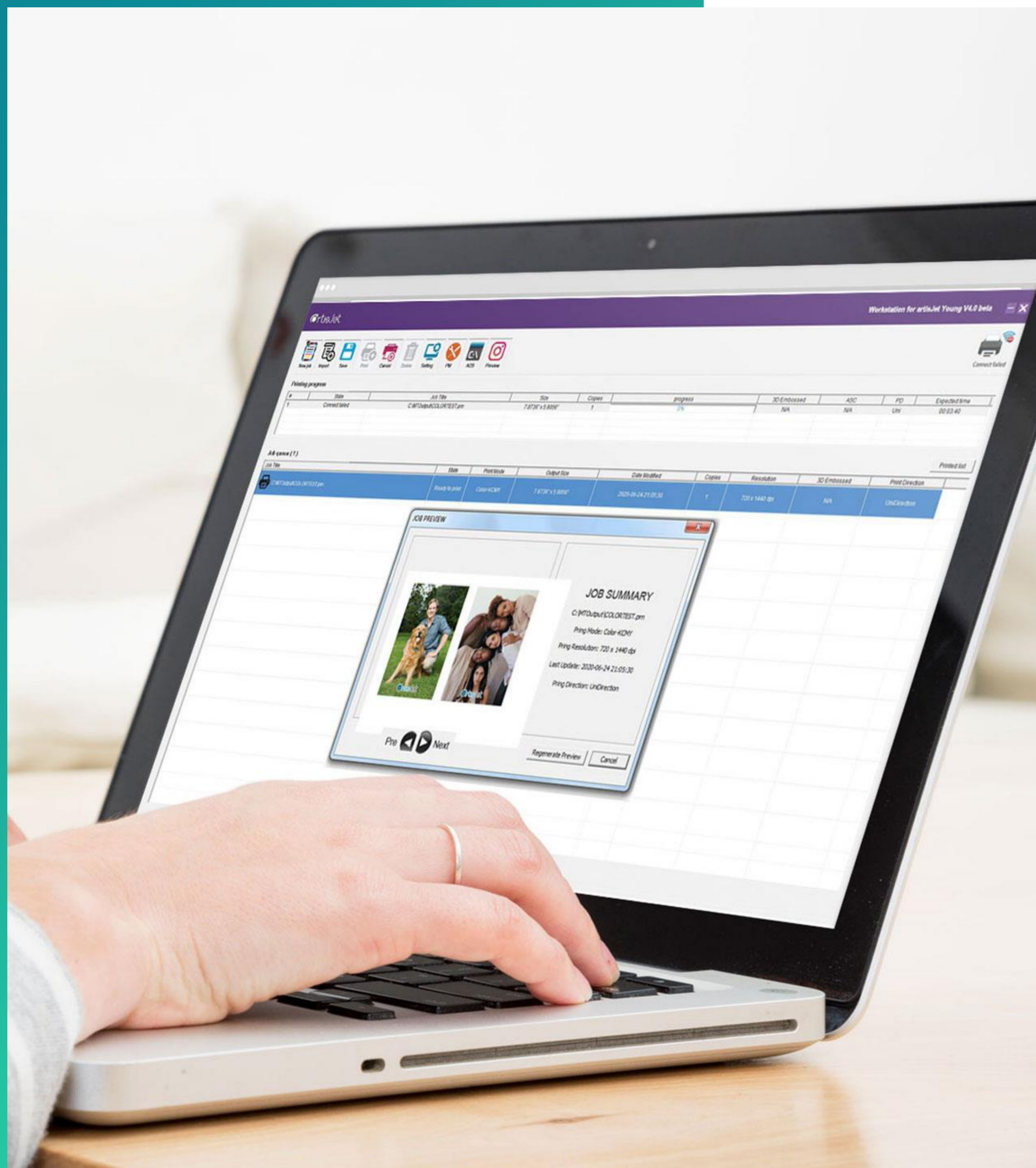




# artisJet Workstation Tailored for you

artisJet Workstation, along with its integrated ACS Command System option, it is a labor cost saving and easy-to-use software, speeding up the printing process and avoiding unnecessary manual operations. Benefit from:

- One click easy integration
- ADA Braille quick print and 3D option for embossed tactile effects
- ACS command system for mass production
- Multiple tasks printing and print job accessibility
- Third party software compatibility & back-up of the print tasks
- Ink system cleaning, nozzle check & custom flexible adjustment of ink colors
- One-on-one image and sample matching
- On demand templating customization to more.







4

Improved  
Experience



# Faster Braille

## Printing in One Pass

Take one more step into the creative printing with BPAP Braille Printing Technology from artisJet and amaze your customers by high standard custom small Braille signs, Braille cards etc.

From artwork editing to an easy-to-follow printing process, the new Braille technology integrated with artisJet Young A4 LED UV printer ensures ADA / CA22 compliant prints for smooth dome shape dots.

- Fast production speed: 9 minutes / full A4 size
- High standard ADA at 0.8 mm / 0.3";
- Dot base diameter 1.5 mm (0.059") to 1.6 mm (0.063");
- 0.7 mm dot height;
- Wear-resistant, perfect rounded domes, tactile smooth;
- Easy to operate one pass printing.



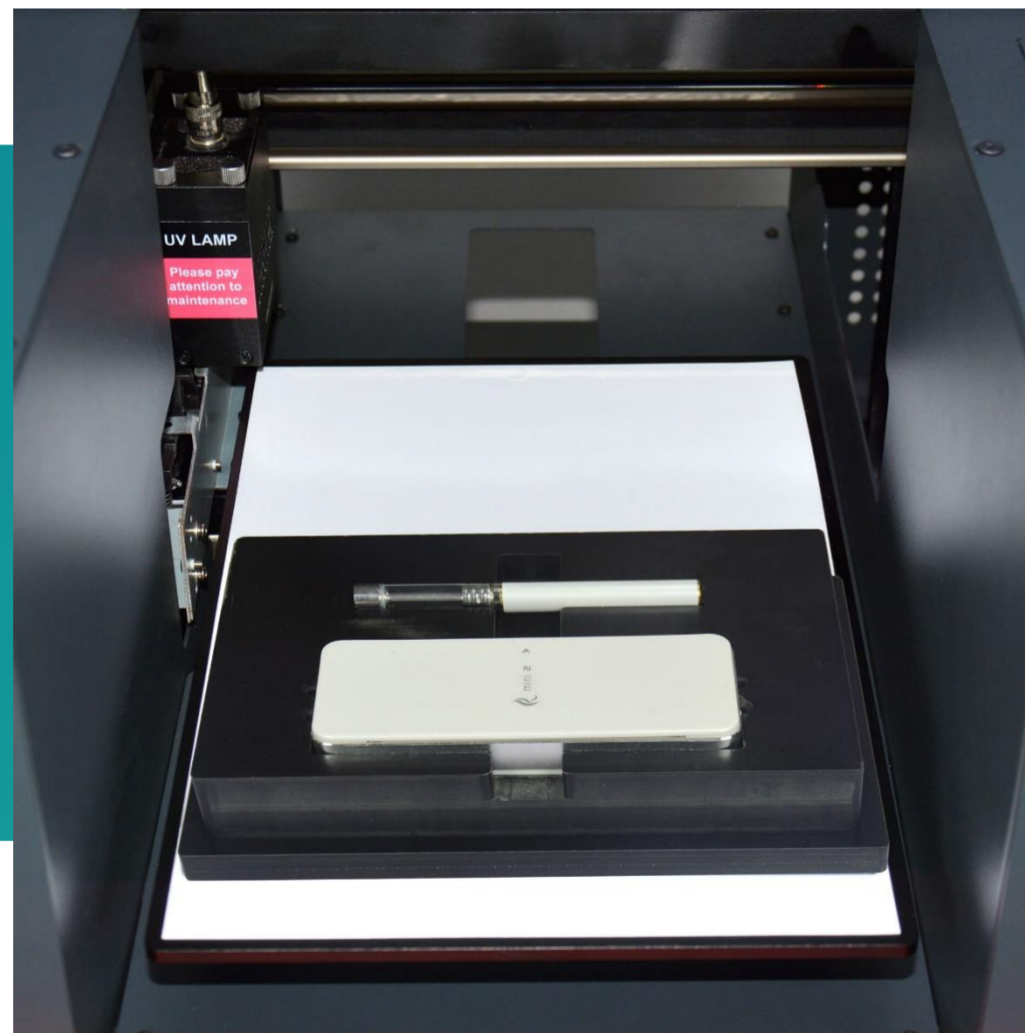


# Accessories Customization

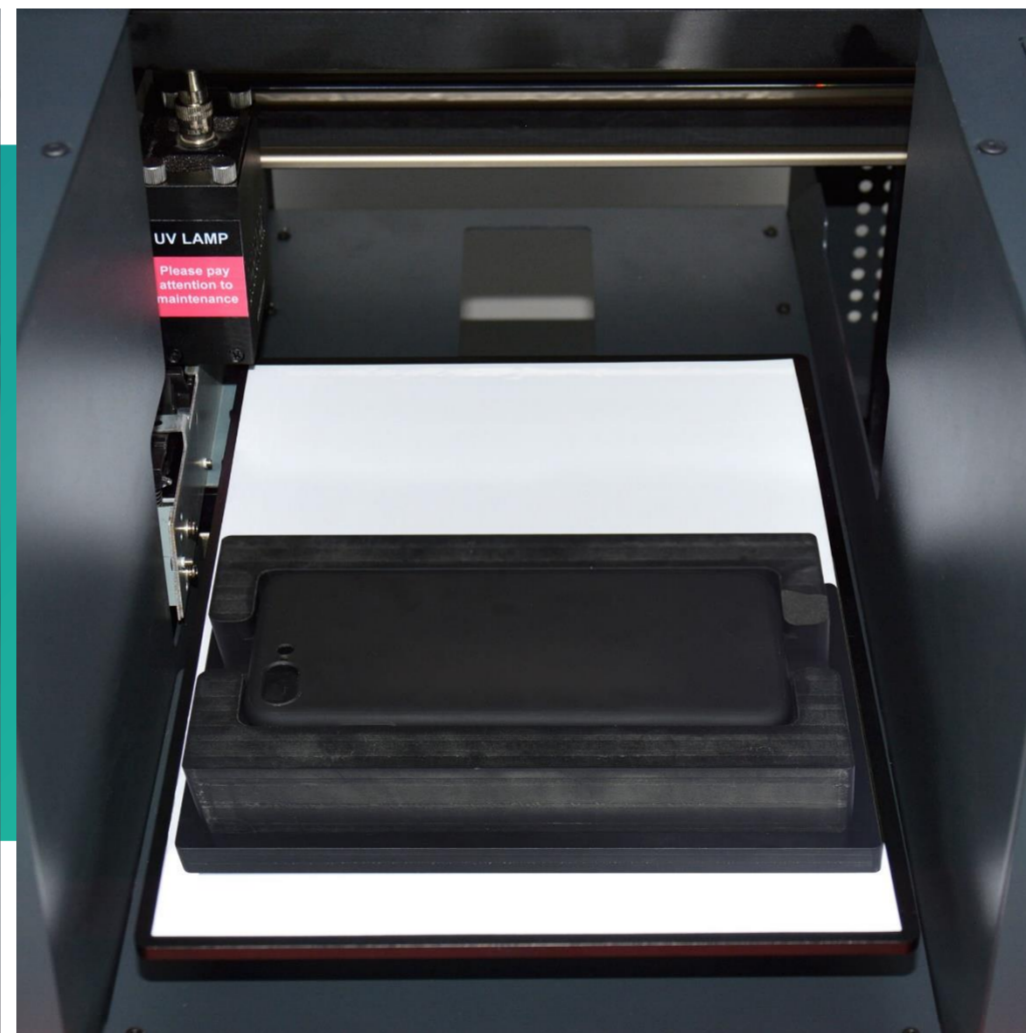
Customizing throwaway traditional parts for screen printing would be expensive and sometimes impractical.

Custom jigs, fixtures and templating with artisJet Young A4 LED UV printer helps you accelerate production speed to market and manage printing personalized products on demand, by holding the products at all stages of printing.

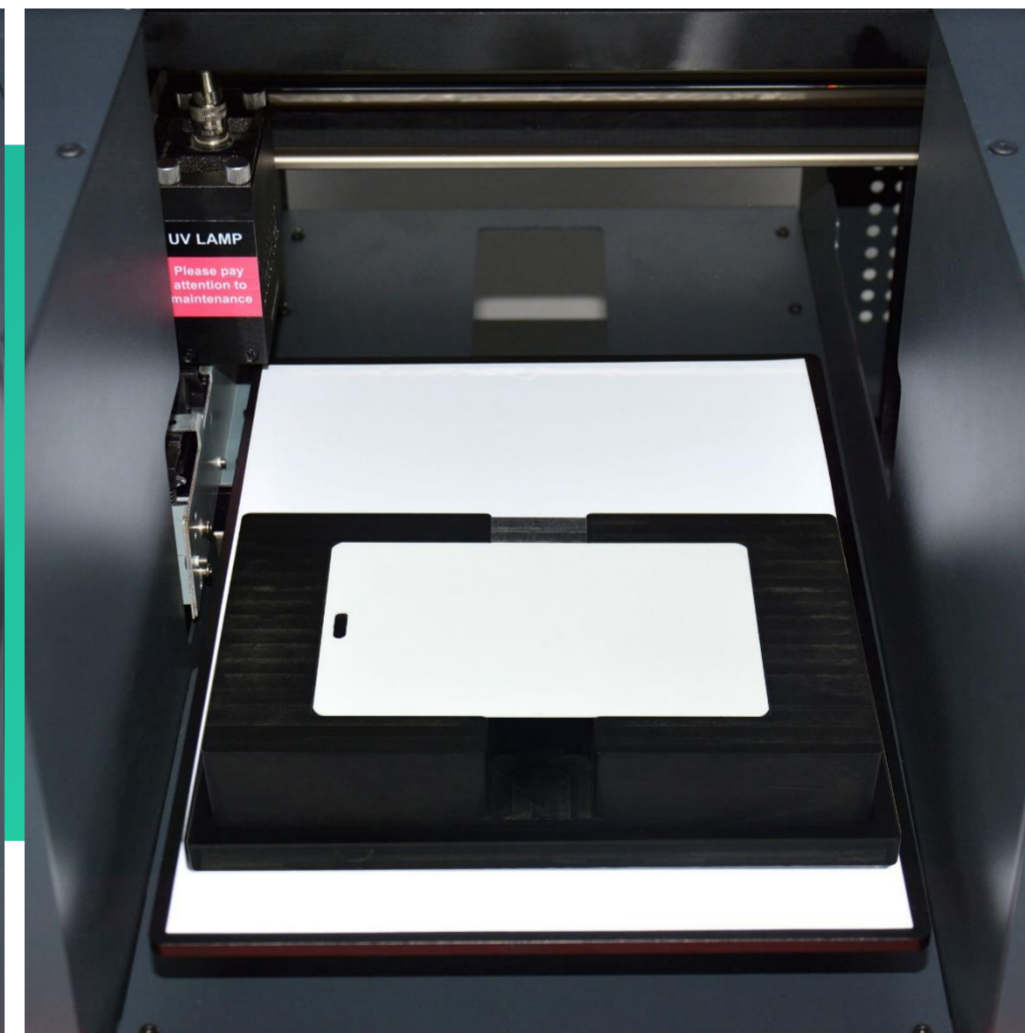
Single  
Item



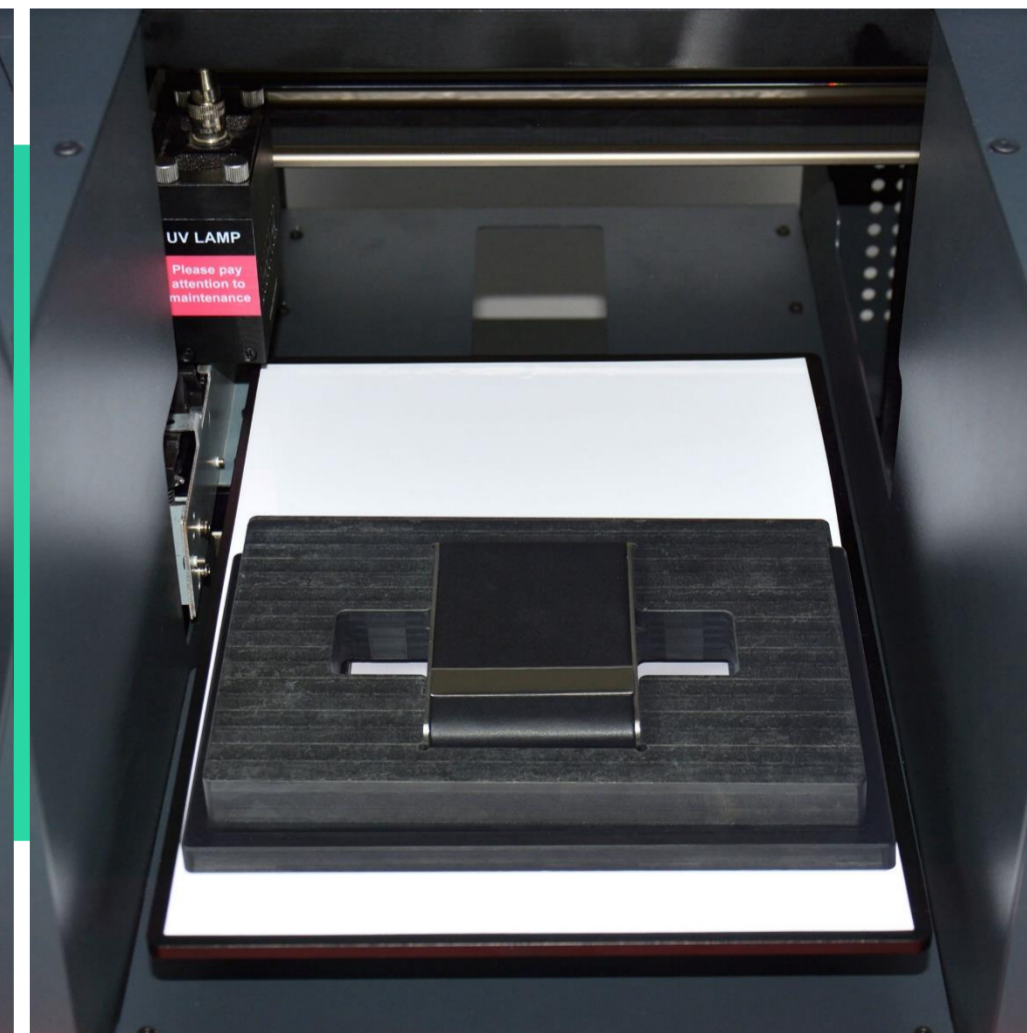
E-cigarette jig



Phone case jig



Name badge jig



Metallic card holder



# Printing Jigs & Fixtures

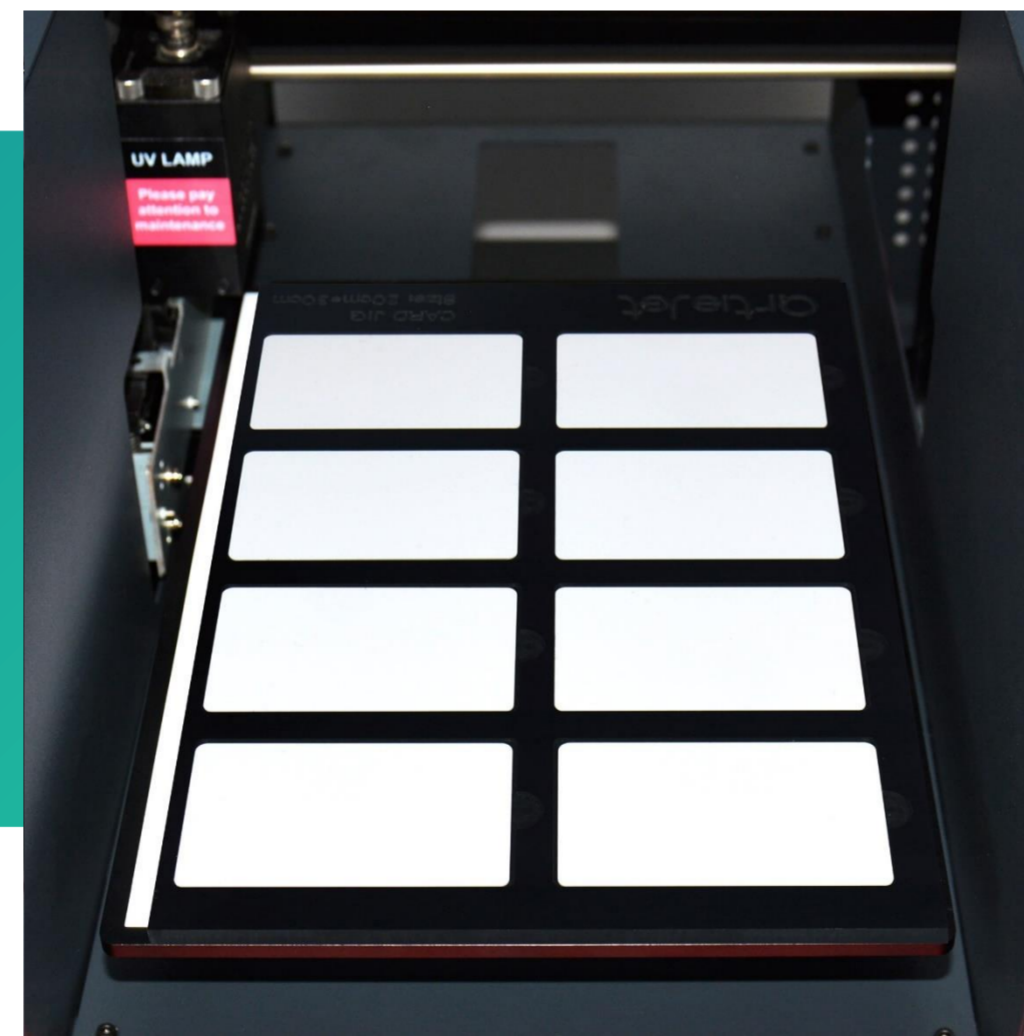
To avoid costly production delays and defects, artisJet introduces new and customized tools to fulfill any printed product requirements in terms of shape and size which will ensure multiple items printing / pass, ergonomics and also operator safety.



Golf balls



USB Data Disks



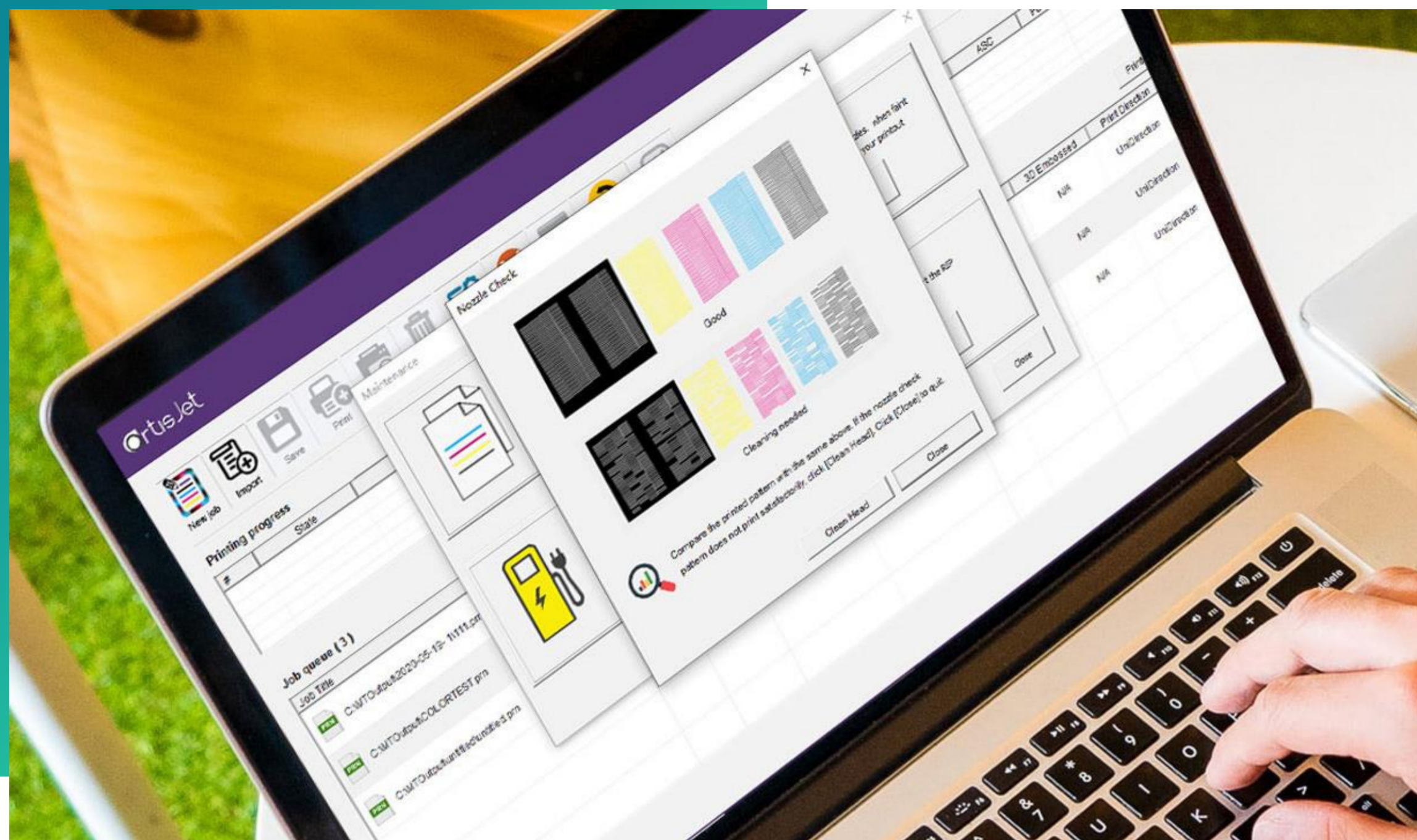
Business cards



iPhone cases

**Multiple  
Items**



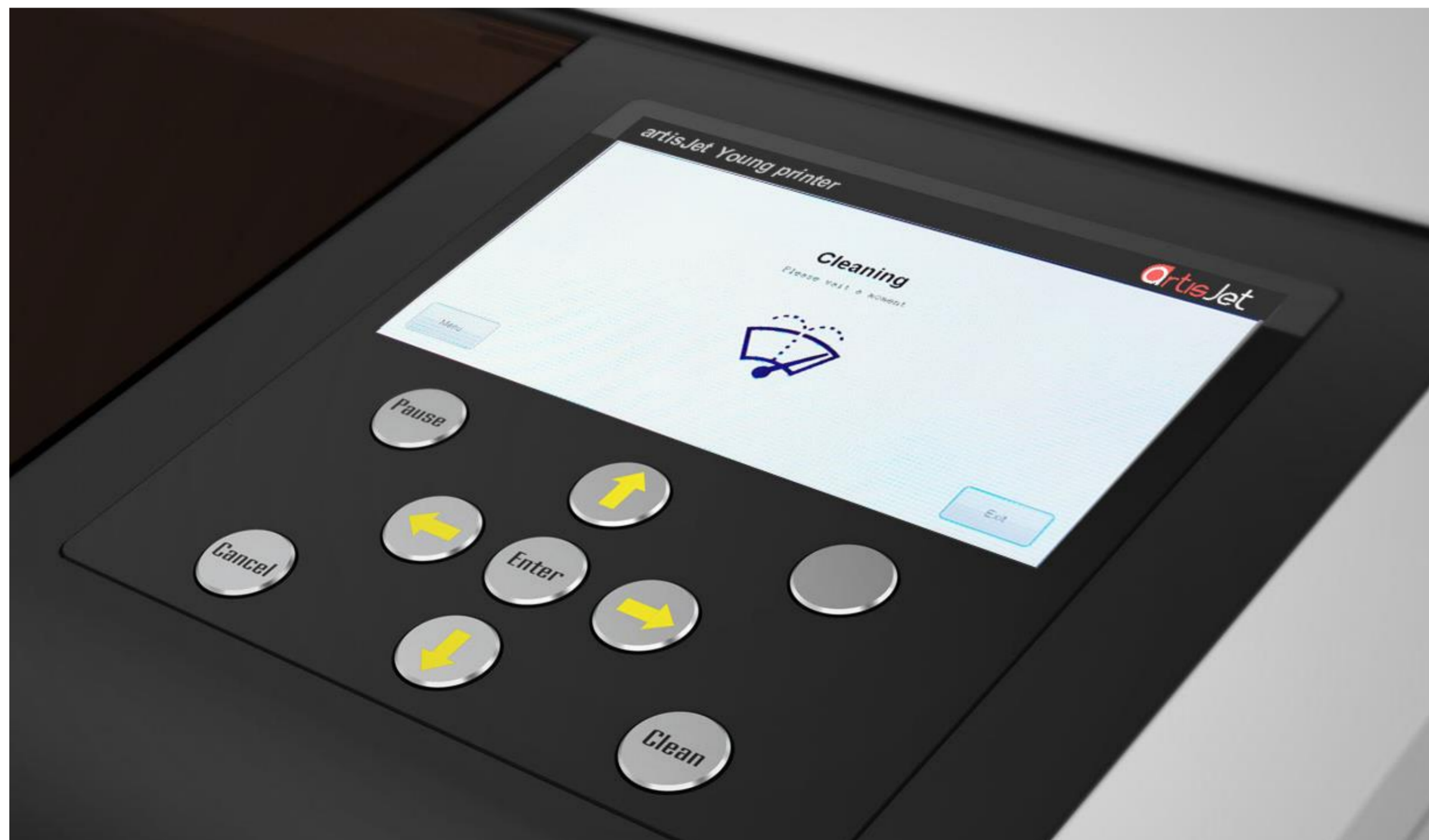


# Easy Maintenance

Keeping in mind that the system is for everyone, artisJet designed the machine especially for the maintenance replacement in modules.

Empowered by MES (Magnetic Encoding System), artisJet Young creates ZERO step errors while printing.

Add to this, the Workstation helps you to proceed with easy nozzle check and ink system cleaning progress status monitoring.





# Warranty Benefits

## Benefit from FREE 365 days ink supply!

artisJet provides customized warranty on demand. This service and warranty policy is to guarantee artisJet users' benefits, suitable for artisJet's worldwide users.

artisJet Young customized warranty package comes with a **2 years** limited warranty, including both online and onsite technical support, **FREE OF COSTS** for two years on good arrival date.







## Technical Support



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ArtisJet®

Innovative brand in small sizes UV printers