

Compact & Affordable UV printer within your reach!



PROMOTIONAL ITEMS



GIFTS AND AWARDS



ENGRAVING PRODUCTS



PLASTIC CARDS



SIGNS

Find more inside!

UV LED CURING

MAX. PRINT SIZE
300 x 420 MM

MAX. MEDIA THICKNESS
5 CM

MAX. RESOLUTION
1440 x 1200 DPI

VARIABLE DATA PRINTING

UJF-3042FX UV LED Flatbed Printer

Quick set-up and fast printing for immediate delivery
of short runs; outstanding value at an affordable price

MARKET

INDUSTRIAL PRODUCTS

SIGN GRAPHICS

- BENEFITS**
- Outstanding print quality and reliability
 - Space-saving compact design
 - Direct printing on substrates up to 5 cm thick
 - Variable data printing and imprint capabilities
 - Simultaneous printing of colour and white
 - White ink and clear varnish



Direct printing of variable data

UJF-3042FX ensures that you respond to your clients requirements for single or short run digital printing enhancing a multitude of products (including molded items), substrates and media up to 50 mm thickness with personalised messages.

UV LED curing technology

- Printing on heat sensitive media
- Instant on/off switching of UV LED
- Decisive energy-saving and longer diode lifetime

Simultaneous white ink under and overprint

Print outstandingly colourful, bright images on transparent and coloured substrates with white ink under or overprint that do not slow down print speed.



< Sample prints on transparent acrylics >

Benefits over pad and screen printing

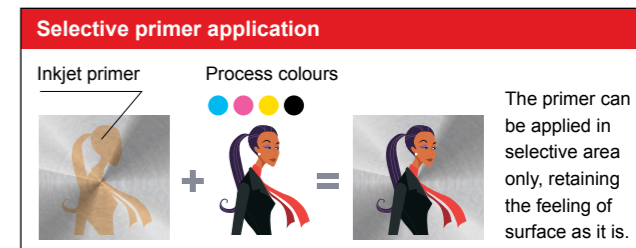
- Direct printing of full colour images + white
- Variable data printing and imprinting for personalisation
- Quick set-up and fast printing for immediate deliveries
- Easy handling

Mimaki Spray Suppressor System

Equipped with Mimaki Spray Suppressor System, which prevents satellite ink drops, the UJF-3042FX ensures higher print reliability, consistency, and quality.

Automatic primer application functionality

The UJF-3042FX incorporates an automatic primer feature. The new inkjet primer cartridges are simply inserted into the corresponding ink slot of UJF-3042FX, enabling the primer to specifically target the print image area only. The primer does not require extra printing time as it is simultaneously applied with the process colours during printing.^(*)



^(*) When printing with primer and white or clear ink, production speed is reduced by approximately 50%. Please always test your intended materials before using primer.

3 different types of UV inks available

	LH-100	LF-200	LF-140
Features	Excels in scratch and chemical resistance as well as colour reproduction. Ideal for substrates that do not require bending or folding during post-processing.	Enables stretching of ink up to 200% during post-processing work. No cracking of printed image without breaking the cured ink surface.	Strong gradation in six colour printing (CMYK + LcLm) with reducing granular appearance. The ink is more flexible than LH-100 ink thus making it less likely to crack during post-processing.
Colour configuration	C M Y K W W W W W W W W W W W W Pr Pr	C M Y K W W W	C M Y K Lc Lm W W W W W W Lc Lm W W W W W W Pr Pr

1. As ink flexibility of LF-200 ink and LF-140 ink vary according to the substrate, please verify your substrate in advance.
2. When choosing LF-200 ink, clear ink and primer are not available.
3. LF-140 ink set does not include clear ink. You can use a combination with LH-100 clear ink.

Add value with glossy and layered finishes

Add value to your prints by using clear ink to realise glossy finishes and to further protect your image.



Discover Unlimited Possibilities



New generation output software with 16 bit rendering (a standard item)



The high performance RIP software is designed to fully enable all advanced features of UJF-3042FX



[8 bit rendering]
Tone jumps are likely to occur



[16 bit rendering]
Smooth gradation without tone jump

RasterLink Pro 5 IP

16 bit rendering eliminates tone jump and produces fine colour reproduction. Different images can be freely nested on the RIP. The web update function has been newly added to Rasterlink Pro 5 to easily achieve both software update and profile download.

Specifications

Item	Specifications
Print head	On-demand Piezo head
Print resolution	720 x 600 dpi, 1440 x 1200 dpi
Ink	Kind
	LH-100 hard UV curable ink (C/M/Y/K/W/CI)
	LF-200 flexible UV curable ink (C/M/Y/K/W)
Capacity	220 ml cartridge / 600 ml ink pack
Inkjet primer	PR-100 (220 ml cartridge / 600 ml ink pack)
Maximum print size	Width: 300 mm (11.8"), Length: 420 mm (16.5")
Media	Max. size
	Thickness
	Weight
Media set device	Air suction by vacuum
UV device	UV LED
Interface	USB 2.0
Applicable standard	VCCI class A, FCC class A, UL, RoHS Directive, CE Marking
Power specifications	AC 100 – 240 V (Automated voltage conversion)
Power consumption	Less than 0.5 kVA
Operational environment	Temperature
	Humidity
	Dust
Dimensions (W x D x H) / Weight	1,200 x 1,090 x 770 mm (47.2" x 42.9" x 30.3") / 113 kg (249.1 lbs)

Supplies

Item	Item No.	Remarks
Dedicated UV ink	LH-100	SPC-0659 C/M/Y/K/W/CI 220 ml cartridge
		SPC-0597 C/M/Y/K/W/CI 600 ml ink pack
	LF-200	SPC-0660 C/M/Y/K/W 220 ml cartridge
		SPC-0591 C/M/Y/K/W 600 ml ink pack
	LF-140	SPC-0727 C/M/Y/K/Lc/Lm/W 220 ml cartridge
	SPC-0728 C/M/Y/K/Lc/Lm/W 600 ml ink pack	
Inkjet primer	PR-100	SPC-0731 220 ml cartridge
		SPC-0732 600 ml ink pack
Eco case	OPT-J0237	8 cases

- 600 ml ink pack requires eco cartridge (OPT-J0237). Eco cartridges can be used repeatedly by replacing ink packs.
- Inkjet primer cannot be used in conjunction with LF-200 inks.
- Clear ink is not available for LF-140 inks. However, LH-100 clear ink can be used in combination with LF-140 inks.

⚠ Inks and substrates

- Please note that properties, adhesion, weather resistance, etc. of ink and substrates can vary. Therefore please test materials before printing.
- Some substrates require primer before printing. Please test materials beforehand or ask your sales representative.

Also available : UJF-706 High Precision UV Curing Flatbed Printer

Innovative solution for printing companies and manufacturers requiring on-demand, short run production, and variable data printing.

- Printing on substrates up to 150 mm thick
- Maximum print area of 700 mm x 600 mm
- Optional roll unit available for continuous on-demand printing of roll-to-roll substrates and thin flexible packaging films.



• Some of the samples in this folder are artificial renderings • Specifications, design and dimensions stated in this folder may be subject to change without notice (for technical improvements, etc.) • The corporate and merchandise names written on this folder are the trademark of the respective corporations • Inkjet printers print using extreme fine dots, so colours may vary after replacement of the printing heads, also note that if using multiple printer units, colours could vary slightly from one unit to other unit due to slight individual differences • Composer's errors reserved

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