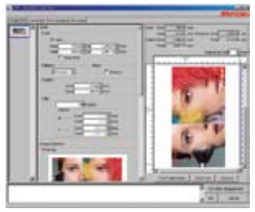
New generation output software with 16 bit rendering (a standard item)



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

RasterLink Pro5 IP



[8 bit rendering]
Tone jumps are likely to occur



[16 bit rendering]
Smooth gradation without tone jump

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		LH-100 hard UV curable ink
		C M Y K + White + Clear varnish
Maximum print width		Width: 300 mm (11.8"), Length: 420 mm (16.5")
Media	Width	Width: 364 mm (14.3"), Length: 463 mm (18.2")
	Thickness	Max. 50 mm (1.97 ")
	Weight	Less than 5 kg (11 lbs)
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	20 – 35 °C (68 – 95 °F)
	Humidity	35 – 65 % Rh
	Dust	Equivalent to normal office level
Weight		120 kg (264.6 lbs)
Dimensions (W x D x H)		1,200 mm x 970 mm x 770 mm (47.2" x 38.2" x 30.3")

Supplies

Item	Colour	Item No.	Remarks
LH-100 Hard UV Ink	Cyan	SPC-0659C	220 ml cartridge
	Magenta	SPC-0659M	
	Yellow	SPC-0659Y	
	Black	SPC-0659K	
	White	SPC-0659W	
	Clear	SPC-0659CL	
	Cyan	SPC-0597C	600 ml ink pack
	Magenta	SPC-0597M	
	Yellow	SPC-597Y	
	Black	SPC-597K	
	White	SPC-597W	
	Clear	SPC-597CL	
Eco case		OPT-J0237	8 pieces
UV primer GM-1		SPC-0541	500 ml

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.

Safety notice

You are dealing with UV light sources that may harm your health. Please follow below guidelines strictly:

- Do not look directly into the UV light source nor place your hand, or expose your skin directly to the UV light source.
- Depending upon print mode, some VOC emittance might occur from printed parts that have not been cured and hardened yet.
- In addition, please read the instructions and guidelines of the manual carefully and follow those.

Related product

UJF-706 UV Curing Flatbed Printer

High precision UV curing printer for printing on substrates up to 150 mm thickness and 700 x 600 mm print area.



ISO 14001 JACO EC08J0126 UKAS MANAGEMENT SYSTEMS 051

Our factory is certified ISO14001:2004
Mimaki Engineering CO., LTD.

• 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 • Compositor's errors reserved

MIMAKI EUROPE B.V.

Stammerdijk 7E
1112AA Diemen, The Netherlands
Tel: +31-20-4627-642

info@mimakieurope.com www.mimakieurope.com

UJF-3042

Mimaki

Compact & Affordable

UV printer within your reach!





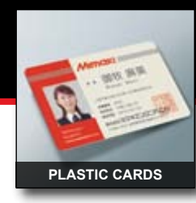
PROMOTIONAL ITEMS



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

UV INK
CMYK + WHITE + CLEAR VARNISH

VARIABLE DATA PRINTING

UJF-3042 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

Unique Solution for Short Runs and On-Demand Printing



- 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



LH-100 hard UV LED ink

The UJF-3042 employs LH-100 hard UV LED ink, which offers wide colour gamut, as well as excellent scratch* and chemical resistance.

*Some substrates need pre-treatment (primer, flaming, corona).

Direct printing of variable data

UJF-3042 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.



Without white ink as a basis for overprinting, the colours are not as vivid as they should be.

With the white ink overlay print, the images are bright and vivid.

< 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

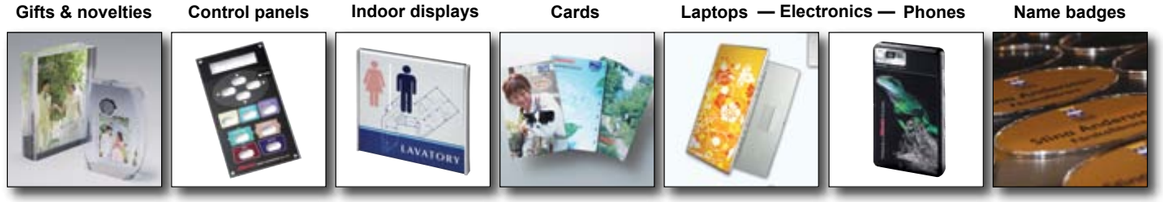
Equipped with Mimaki Spray Suppressor System, which prevents satellite ink drops, the UJF-3042 ensures higher print reliability, consistency, and quality.

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





For more applications: www.mimakieurope.com/ujf-3042