

# Best Performing Industrial UV Printer

for applications and objects up to 150 mm (5.9 ") thickness



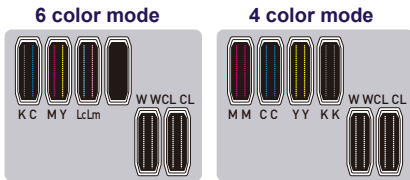
White Ink  
Clear Coat

Maximum print size  
700 mm × 600 mm  
(Medium format)

**Efficient print production with simultaneous printing of color and white**

**Staggered Print Head Arrangement**

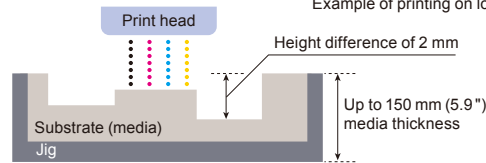
Fast and accurate printing with new print heads that accommodate full color and white in two lines thus doubling print speed.



**Direct printing on substrates of up to 150 mm (5.9 ") thickness**

**Mimaki Spray Suppressor System**

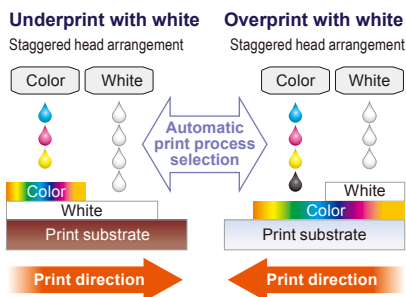
Improved print quality and consistency on all substrates up to 150 mm (5.9 ") media thickness due to Mimaki's Spray Suppressor System.\*



\* Note: Height difference on substrates can be up to 2 mm. For wider height differences, please test in advance as print quality decreases when gap is wider.

**Reverse print functionality**

Select the order of over- and underprint with white in RasterLinkPro5 (included standard RIP software) and the most efficient path is determined by the software. Experience efficient high productivity without further operator intervention.



**Vivid images with white underprint**

Brilliant, luminous images with white underprint especially on transparent and/or colored substrates



Only full color  
Pallid, sallow image due to colored/transparent substrate.

White under print  
Original vivid image colors are displayed due to white ink layer underneath the image.

**Printing on roll media and films as used in flexible packaging**

**Roll unit option for thin films**

Print on roll-to-roll substrates and thin flexible packaging films with this automatic roll unit. Continuous on demand printing of the same or different images, with or without variable data, streamlines your production and frees your operator to attend to other tasks while printing.

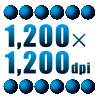


Innovative solution for print companies and manufacturers requiring on-demand, short run production, and variable data printing.



Outstanding print quality and reliability

Maximum resolution of 1200 x 1200 dpi and variable dot technology reproduce even the finest image details and tiny characters in exceptional quality.



Add value with multi-layered printing and glossy finishing

Glossy finishing makes your prints even more attractive. By printing different layers of ink and/or gloss your images will not only look more enticing but also will have a haptic feel that will satisfy your customers.



Different UV inks for dedicated usage

Ink	Color	Benefits	Application
Hard UV Ink	C M Y K Lc Lm + W + CL	Hard UV ink that displays superior scratch and chemical resistance	<ul style="list-style-type: none"> <li>Instrumentation panels, name plates, cards</li> <li>3-dimensional items, various form objects</li> </ul>
Flexible UV Ink	C M Y K Lc Lm + W	Flexible UV ink for forming/bending jobs that can stretch up to 200 %*	<ul style="list-style-type: none"> <li>Membrane switches</li> <li>Thin films such as used in flexible packaging applications</li> </ul>

\* Elasticity varies depending on types of substrates. Please contact our technician for more detail.

16-bit rendering RIP software for smooth gradations

UJF-706's broad functionality is fully supported by this advanced software RIP

- 16 bit rendering enables smooth gradations
- Multi-job RIP functionality
- Download the latest and most actual profiles
- Supports backside printing and enables a productive and efficient workflow



RasterLink Pro 5 IP

Specifications

Item	Specifications
Head	On-demand Piezo head
Print resolution	600 x 600 dpi, 1200 x 1200 dpi
Ink	type
	Hard UV curable ink : 6 colors (CMYKLcLm) + W + CL Flexible UV curable ink : 6 colors (CMYKLcLm) + W
Capacity	440 ml / cartridge
Waste ink tank	4,000 ml
Maximum print width	Width : 700 mm (27.6 "), Length : 600 mm (23.6 ")
Media	Width
	Thickness
	Weight
	Set device
UV device	Equipped with UV lamp
Interface	USB 2.0
Applicable standard	VCCI class A, FCC class A, UL, RoHS Directive, CE Marking, CB Report
Power specifications	Single-Phase AC 200 - 240 V
Power consumption	Less than 4.0 kVA
Operational environment	Temperature
	Humidity
	Accuracy guarantee temperature
	Temperature gradient
	Dust
Weight	505 kg (1,112 lbs.)
Dimensions (D x W x H)	1,750 mm x 2,500 mm x 1,550 mm (68.9 " x 98.4 " x 61.0 ")

Inks and substrates:

- Please note that properties and 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.

● All trademarks or registered trademarks are the property of their respective owners. ● Specifications are subject to change without notice. ● Some of the screens and printing samples in this catalog are artificial renderings. ● Inkjet printers print using extremely fine dots, thus colors may vary slightly following replacement of the printing heads. Also note that if using multiple printer units, colors may vary slightly among the units due to slight individual differences among the units.

Supplies & Options

Item	Color	Item No.	Remarks
Hard UV ink	Cyan	SPC-0371C	1 cartridge : 440 ml (effective volume : 440 ml)
	Magenta	SPC-0371M	
	Yellow	SPC-0404HY	
	Black	SPC-0371K-2	
	Light cyan	SPC-0371Lc	
	Light Magenta	SPC-0371Lm	
	White	SPC-0371W-5	
Flexible UV ink	Clear	SPC-0371CL	
	Cyan	SPC-0516C	
	Magenta	SPC-0516M	
	Yellow	SPC-0516Y	
	Black	SPC-0516K	
	Light cyan	SPC-0516Lc	
	Light Magenta	SPC-0516Lm	
Cleaning solution	For hard UV ink	SPC-0371FS	
	For flexible UV ink	SPC-0516FS	
UV primer GM-1		SPC-0541	500 ml
Roll unit		OPT-J0269	TBA
Vacuum unit		OPT-J0270	TBA

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, there might occur some VOC emittance from printed parts not yet cured and hardened
- In addition, please read the instructions and guidelines of the manual carefully and follow those.



Our factory is certified according to ISO14001:2004

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## ■ Specifications

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Head		On-demand Piezo head
Print resolution		600 × 600 dpi, 1200 × 1200 dpi
Ink	type	Hard UV curable ink : 6 colors (CMYKLcLm) + W + CL Flexible UV curable ink : 6 colors (CMYKLcLm) + W
	Capacity	440 ml / cartridge
Waste ink tank		4,000 ml
Maximum print width		Width : 700 mm (27.6 "), Length : 600 mm (23.6 ")
Media	Width	Width : 710 mm (28.0 "), Length : 605 mm (23.8 ")
	Thickness	Mini. 0.05 mm (0.002 "), Max. 150 mm (5.91 ")
	Weight	Less than 10 kg (22 lbs)
	Set device	Air suction by vacuum
UV device		Equipped with UV lamp
Interface		USB 2.0
Applicable standard		VCCI class A, FCC class A, UL, RoHS Directive, CE Marking, CB Report
Power specifications		Single-Phase AC 200 - 240 V
Power consumption		Less than 4.0 kVA
Operational environment	Temperature	15 - 30 °C (59 - 86 °F)
	Humidity	35 - 65 % Rh
	Accuracy guarantee temperature	18 - 25 °C (64 - 77 °F)
	Temperature gradient	Less than ±10 °C/h (18 °F)
	Dust	Equivalent to normal office level
Weight		505 kg (1,112 lbs.)
Dimensions (D × W × H)		1,750 mm × 2,500 mm × 1,550 mm (68.9 " × 98.4 " × 61.0 ")

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	Black	SPC-0371K-2	
	Light cyan	SPC-0371Lc	
	Light Magenta	SPC-0371Lm	
	White	SPC-0371W-5	
	Clear	SPC-0371CL	
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