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-706

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.

MIMAKI

UJF-706
UV PRINTER

Specifications

Item		Specifications
Print head		On-demand Piezo head
Print resolution		600 x 600 dpi, 1200 x 1200 dpi
Ink	Type	Hard UV ink: 6 colours (CMYKLcLm + W + Cl)
		Flexible UV ink: 6 colours (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	Min. 0.05 mm (0.002"), Max. 150 mm (5.91")
	Weight	Up to 10 kg (22 lbs)
Media 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)
	Dust	Equivalent to normal office level
Weight		505 kg (1,112 lbs)
Dimensions (W x D x H)		1,750 mm x 2,500 mm x 1,550 mm (68.9" × 98.4" × 61.0")

Supplies and options

Item	Colour	Item No.	Remarks
Hard UV ink	Cyan	SPC-0371C	440 cc cartridge (usable 400 cc)
	Magenta	SPC-0371M	
	Yellow	SPC-0404HY	
	Black	SPC-0371K-2	
	Light Cyan	SPC-0371Lc-2	
	Light Magenta	SPC-0371Lm	
	White	SPC-0371W-5	
	Clear	SPC-0371CL	
Flexible UV ink	Cyan	SPC-0516C	
	Magenta	SPC-0516M-2	
	Yellow	SPC-0516Y	
	Black	SPC-0516K-2	
	Light Cyan	SPC-0516Lc	
	Light Magenta	SPC-0516Lm	
	White	SPC-0516W	
Cleaning solution	Hard UV ink	SPC-0371FS	
	Flexible UV ink	SPC-0516FS	
UV primer GM-1		SPC-0541	500 ml
Roll unit		OPT-J0269	TBA
Vacuum unit		OPT-J0270	TBA

Related product

UJF-3042 Compact UV LED Curing Printer

Outstanding value compact UV LED curing printer for printing on substrates and objects up to 50 mm thickness.

⚠ **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.

INNOVATION ***STYLE*** MIMAKI

UV CURING

MAX. RESOLUTION
1200 x 1200 DPI

MAX. PRINT SIZE
700 x 600 MM

MAX. MEDIA THICKNESS
15 CM

HARD AND FLEXIBLE UV INK

CMYKLcLm + WHITE + CLEAR VARNISH

MARK SENSOR FOR IMPRINTING VARIABLE DATA

Highest Quality Industrial UV Printer

for applications and objects up to 15 cm thickness

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

MARKET
INDUSTRIAL PRODUCTS

UJF-706 opens up a world of new industrial digital printing applications

Mimaki

- **Direct printing on substrates up to 15 cm thickness**
- **Outstanding print quality and reliability**
- **Variable data printing and imprint capabilities**
- **Simultaneous printing in colour and white**
- **White ink and clear varnish**

A wide range of applications with a maximum thickness of 15 cm

On-demand variable data printing

Mark Sensor functionality

UJF-706 ensures that you respond to your clients' requirements with regard to variable data printing and imprinting of names, employee numbers, barcodes, serial numbers etc. by using automatic optical mark recognition on pre-printed items.

Mark sensor for imprinting variable data (e.g. for ID cards)

Mimaki Spray Suppressor System

Equipped with Mimaki Spray Suppressor System, which prevents satellite ink drops, the UJF-706 ensures higher print reliability, consistency, and quality.

UJF-706
UV PRINTER

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

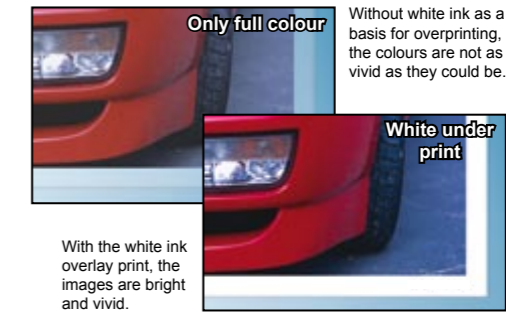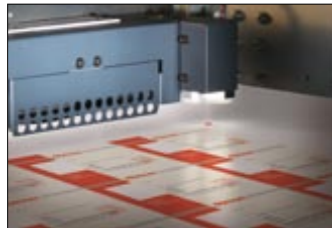**White Ink** **Clear coat**

Hard and flexible UV ink

Add value with glossy finishes

The UJF-706 offers hard or flexible UV ink depending on your needs. The hard ink has excellent scratch* and chemical resistance and the flexible ink can stretch up to 200%, depending on the media. Furthermore, you can add value to your prints by using clear ink to realize glossy finishes.

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

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 the printing speed.

Only full colour
Without white ink as a basis for overprinting, the colours are not as vivid as they could be.

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

< Sample prints on transparent acrylics >

Roll unit option for thin films

The optional roll unit allows for continuous on-demand printing of roll-ro-roll substrates and thin flexible packaging films.

Discover **Unlimited Possibilities**

| Gifts & novelties | Control panels | Indoor displays | Cards | Laptops — Electronics — Phones | Card holders | Magnets (PVC) | Glass bottles | USB sticks | Gift boxes | Stationery | Tin boxes | Lighter (Brass) |