Roll-to-Roll LED-UV Curable Inkjet Printer

UJV100-160

Mimaki™

Expert Printing Made Easy
Low Cost, High Return

UJV100-160

Mimaki

TOWER PRINT S.L.

Mimaki Green Technology

energy ENERGY STAR

GREENGUARD PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818 GOLD

GRAND BAZAAR
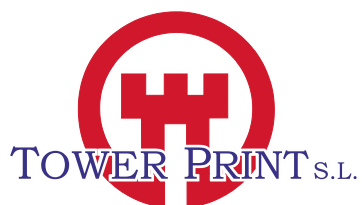
NEW! *Newly developed UV LED Inks* **LUS-210 / LUS-190**

The LUS-210 and LUS-190 are environmentally-friendly inks with three selectable ink configurations to suit your business needs.

The six colors of C, M, Y, K, W, Cl [*1] are prepared to be able to choose one combination from three ink sets (CMYK, CMYK + W, CMYK + WCl) to suit your job. The selection of white ink of high density and opacity and the glossy clear ink are suitable for a wide range of applications : the printability on transparent / colored media and the varnished print with high design properties.

In addition, our inks have acquired "GREENGUARD Gold certification", which is guaranteed to be suitable for schools and medical institutions based on the strictest chemical substance diffusion standards in the world. This ink generates almost no VOC [*2][*3], the cause of photochemical oxidant generation, and is designed to reduce load to the global environment.

*1 : Clear ink will be available at a later date. *2 : VOC=Volatile organic compounds
*3 : No volatile organic compounds are generated after UV curing by our internal investigation, but may occur very slightly before curing.

■ Specifications

Item		UJV100‑160
Print head		On-demand piezo head (2 staggered layout)
Print resolution		360 dpi, 720 dpi, 900 dpi, 1200 dpi
Ink	Type	UV curable ink "LUS-210" (C,M,Y,K,W,CL)
	Color	CMYK / CMYKW / CMYKWCL
	Capacity	1L (Bottle supply)
Maximum printable area		1,610 mm (63.4 in)
Maximum media width		1,620 mm (63.8 in)
Media thickness		1.0 mm or less
External diameter of media		Φ 250 mm (9.8 in) or less
Media weight		45 kg (99.2 lb) or less
Interface		USB 2.0 / Ethernet 1000BASE-T
Power		Single-phase AC 100‑120 V/ 200‑240 V ±10 % 50/60 Hz ±1 Hz
Power consumption		AC 100 V :1.44 kW ore less / AC 200 V : 1.92 kW or less
Operational environment		Temperature: 20 - 30 degC (68 - 86 degF) Humidity: 35 - 65%Rh (without condensation)
Dimensions (W x D x H)		2,775 x 700 x 1,475 mm (109.3 x 31.5 x 58.1 in)
Weight		167 kg (368.2 lb) or less

■ Supplies

	Color	Item code	Remarks
LUS-210 UV ink / LUS-190 UV ink	Cyan	LUS21-C-BA / LUS19-C-BA	1L bottle
	Magenta	LUS21-M-BA / LUS19-M-BA	
	Yellow	LUS21-Y-BA / LUS19-Y-BA	
	Black	LUS21-K-BA / LUS19-K-BA	
	White	LUS21-W-BA / LUS19-W-BA	
	Clear (*)	LUS21-CL-BA / LUS19-CL-BA	

* Clear ink will be available at a later date.

■ Software

Raster Link 7 *

Functions with ultimate usability
• New HARLEQUIN RIP core for more accurate handling of PDF files with drop shadows and transparencies
• Up to 25% faster processing of complex PDF files
• Variable Data Printing to easily create a series of prints with dynamic variations
• Registering "favorites" in the preferences to shorten operation time

* Available from February 2021

Ethernet supported!

Create a free and efficient working environment

e.g.
Editing print data on an office PC and send the data to print directly to a printer at the work site
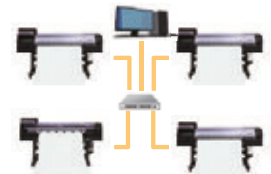
⚠ **Inks and substrates:**

● Please note that properties and adhesion, weather resistance, etc. of ink and substrates can vary. Please test materials before printing.

⚠ **Safety notice:** These printers produce UV radiation. To protect your health, please observe the following guidelines carefully:

● Do not look directly into the UV light source, or expose your skin (such as your hands) directly to the UV light source.
● Depending upon the print mode, some VOCs could be emitted from printed area not yet cured and hardened.
● In addition, please read and follow the instructions and guidelines of the manual carefully.

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