

Specifications

Machine specifications

Item		Specifications
Print head	Method	Drop-on-demand piezoelectric print heads
	Specification	2 heads: 2-layered staggered arrangement in 1-line
Printing mode (scan x feed)	4-colors	300x450HQ : Bi/Uni 6/12 pass 600x600 : Bi/Uni 8/16 pass 600x900 : Bi/Uni 12/24 pass 1200x1200 : Bi/Uni 16/32 pass
	4-colors + White	300x450HQ : Bi/Uni 12/24 pass 600x600 : Bi/Uni 16/32 pass 600x900 : Bi/Uni 24/48 pass 1200x1200 : Bi/Uni 32/64 pass
Usable inks		Dedicated UV curable in (Y, M, C, K, W, CL, P)
Ink supply		Supplying 1L x 8 bottles (For 4-color, UISS switching is available. Also, UISS switching is available for M and C with 4-color + W)
Capacity of ink bottle	4-colors	1L-bottle x 2 for each color
	4-colors + White	Y and K: 1 bottle each. M, C and W: 2 bottles each.
	4-colors + White + Clear	M, C, Y and K: 1 bottle each. W and CL: 2 bottles each.
	4-colors + White + Clear + Primer	M, C, Y, K, Cl and P: 1 bottle each. W: 2 bottles.
	6 colors + White	M, C, Y, K, Lc and Lm: 1 bottle each. W: 2 bottles.
Usable media	Size	2,580 mm x 2,040 mm (101.6 in x 80.3 in)
	Thickness	Less than 50 mm (Less than 1.97 in)
	Weight	Up to 50 kg (110.2 lb) / m ² . Prohibit concentrated load.
Max. printing width		2,500 x 1,300mm (98.4 x 51.2 in)
Distance accuracy	Absolute accuracy	Whichever the larger one of ± 0.3 mm or ± 0.3 % of the designated (Whichever the larger one of ± 0.012 in or ± 0.3 % of the designated)
	Reproducibility	Whichever the larger one of ± 0.2 mm or ± 0.1 % of the designated (Whichever the larger one of ± 0.0079 in or ± 0.1 % of the designated)
Perpendicularity		± 0.5 mm / 500 mm (± 0.020 in / 19.7 in)
Head height adjustment		1.2 mm to 3 mm (0.047 in to 0.12 in) (media thickness automatic recognition)
Media absorption		Absorption fixing with vacuum unit
UV unit		UV LED lamp fitting (mounted on carriage) UV power is mounted in the main body.
Waste ink tank		Bottle type (3,200 cc)/ Detected by software counter
Interface		USB 2.0
Command		MRL- III
Noise	during standby	Less than 55 dB
	At operation *1	Less than 75 dB
Safety Standard		VCCI-Class A, FCC-Class A, UL 60950, CE Marking (EMC, Low Voltage Directive, Machinery Directive), CB Report, RoHS
Power		AC200 - 240 $\pm 10\%$, 50/60Hz ± 1 Hz , 12A or less
Power consumption		2,800W or less
Recommended Environment	Available temp.	15 °C to 30 °C (59 °F to 86 °F)
	Humidity	35 to 65% Rh (No condensation)
	Guaranteed temp.	18 °C to 25 °C (64.4°F to 77°F)
	Temperature change	± 10 °C (50 °F) / h or less
	Dust	0.15 mg/m ³ (Equivalent to normal office level)
Weight		650 kg (1,433 lb)
Outside dimensions		4,400 mm(W) x 2,450 mm(D) x 1,250mm(H) (Including projection) (173.2 in(W) x 96.5 in(D) x 49.2 in(H) (Including projection))

*1. 73.5db(A), Operation condition: High-speed scanning, Blower is ON
Method: According to clause 1.7.4.2 of Machinery Directive 2006/42/EC

Ink specifications

Item		Specifications
Supply		1L Ink bottle
Color		Black ink Cyan ink Magenta ink Yellow ink White ink Light cyan (only LUS150 ink) Light magenta (only LUS150 ink) Clear ink (LH100 ink, LUS120 ink) Primer ink (PR-100, PR-200)
Ink capacity		1 liter
Shelf life		The period is printed on the ink bottle. Within three months after opening the package even in the available period.
Storage temperature	Storage	5 to 30°C (41 to 86°F) (Storage at temperature of 30°C (86 °F) is permitted within a month.)
	Transportation	1 to 60°C (33.8 to 140°F) (Storage at temperature of 60°C (140 °F) is only permitted within 120 hours, and at temperature of 40°C (104 °F) is permitted within a month.)

- **Do not use any ink other than MIMAKI designated ink.**
Also, do not disassemble the ink bottles or refill or replenish their ink.
- **Ink could freeze if kept in a cold place for an extended period.**
 - If the ink freezes, thaw it at room temperature (25°C (77 °F)) spending more than three hours before use. However, when you use the frozen ink, the printing quality becomes degraded due to altered ink. Store ink in the environment where ink may not freeze.