Specifications

Basic unit specifications

Item		Specification	
		UJF-3042HG	UJF-6042
Drawing head	Method	On demand piezo-head	
	Specification	4-heads (8 nozzles row)	
Resolution		x-dpi: 600, 900, 1200 y-dpi: 540, 720, 1080, 1440	x-dpi: 600, 900, 1200, 1800 y-dpi: 540, 720, 1080, 1440, 1800
Drawing mode	x-dpi: 600	4, 8, 12, 16, 24, 32 pass	
	x-dpi: 900	6, 12, 18, 24 pass	
	x-dpi: 1200	8, 16, 24, 32 pass	
	x-dpi: 1800	————	12, 24 pass
Ink		Exclusive UV curing ink (Genuine ink) Bk, C, M, Y, Lc, Lm, W, P, CL (CL is LH-100 only.)	
Ink supply		Supplies ink through a tube from ink cartridge Remaining ink display function Ink end detection function (220 cc cartridge only)	
Ink capacity		220 cc or 600 cc (1 for each color)	
Media	Size	300 x 420 mm	610 x 420 mm
	Thickness	Between 100mm and 150mm	
	Weight	Less than 5 kg	Less than 7 kg
Maximum drawing area		W 300 x L 420 mm	W 610 x L 420 mm
Distance accuracy	Absolute accuracy	$\pm$ 0.3 mm or $\pm$ 0.3 % of the designated, whichever is larger	
	Reproducibility	$\pm$ 0.2 mm or $\pm$ 0.1 % of the designated, whichever is larger	
Squareness		$\pm$ 0.3 mm/400mm	
Print gap adjustment		Table up/down mechanism by key	
Head anticollision device		Head anticollision by obstacle sensor	
UV unit		Water-cooling LED UV device x 1 (equipped with the head slider)	
Waste ink tank		Genuine waste ink tank (1600cc/ no tank full sensor)	
Interface		USB2.0 compliant	
Command		MRL-III (variable dot-compliant) <MIMAKI original command, YMCK bitmap type>	
Noise	Stand-by	Less than 55dB (FAST-A, 1m in all direction)	
	In continuous operation	Less than 65 dB	
	In discontinuous operation	Less than 75dB	
Safety standards		FCC-Class A, CE Marking, CB Report, UL60950-1	
Ink safety		MSDS	
Power requirements		Single phase AC 100 to 240V $\pm$ 10% 50 / 60 Hz $\pm$ 1Hz	
Power consumption		Less than 450 VA	
Environment	Temperature	20 to 35 °C (68 to 95 °F)	
	Humidity	35 to 65%Rh (No condensation)	
	Guaranteed temperature	20 to 25 °C (68 to 77 °F)	
	Temperature gradient	$\pm$ 10 °C (50 °F) or less	
	Dust	Equivalent to normal office level	
Weight		Approx. 130 kg	Approx. 150 kg
External dimensions		1200 (W) x 1090 (D) x 920 (H) mm	1510 (W) x 1090 (D) x 960 (H) mm

Specifications for ink

As for the detail, ask the dealer or our branch.

Item		Parts No./ Specification
Feature		Exclusive UV ink cartridge
Ink type		Black, magenta, cyan, yellow, right cyan, right magenta, primer, white, clear coat (Clear coat is LH-100 only.)
Capacity of ink cartridge		220 cc or 600 cc
Shelf life		One year from the date of manufacture
Storage temperature	During storage	15 °C to 35 °C (59 to 95 °F)
	During shipping	0 °C to 60 °C (32 to 140 °F) within 2 weeks permitted.

- The ink freezes up if it is left in an environment of under -4 °C (24.8 °F) for a long time. If the ink has frozen up, use it after unfreezing it with leaving in the room temperature (25 °C (77 °F)) for more than 3 hours.
- Do not disassemble an ink cartridge or refill ink in it. That can cause a trouble.

Appendix

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