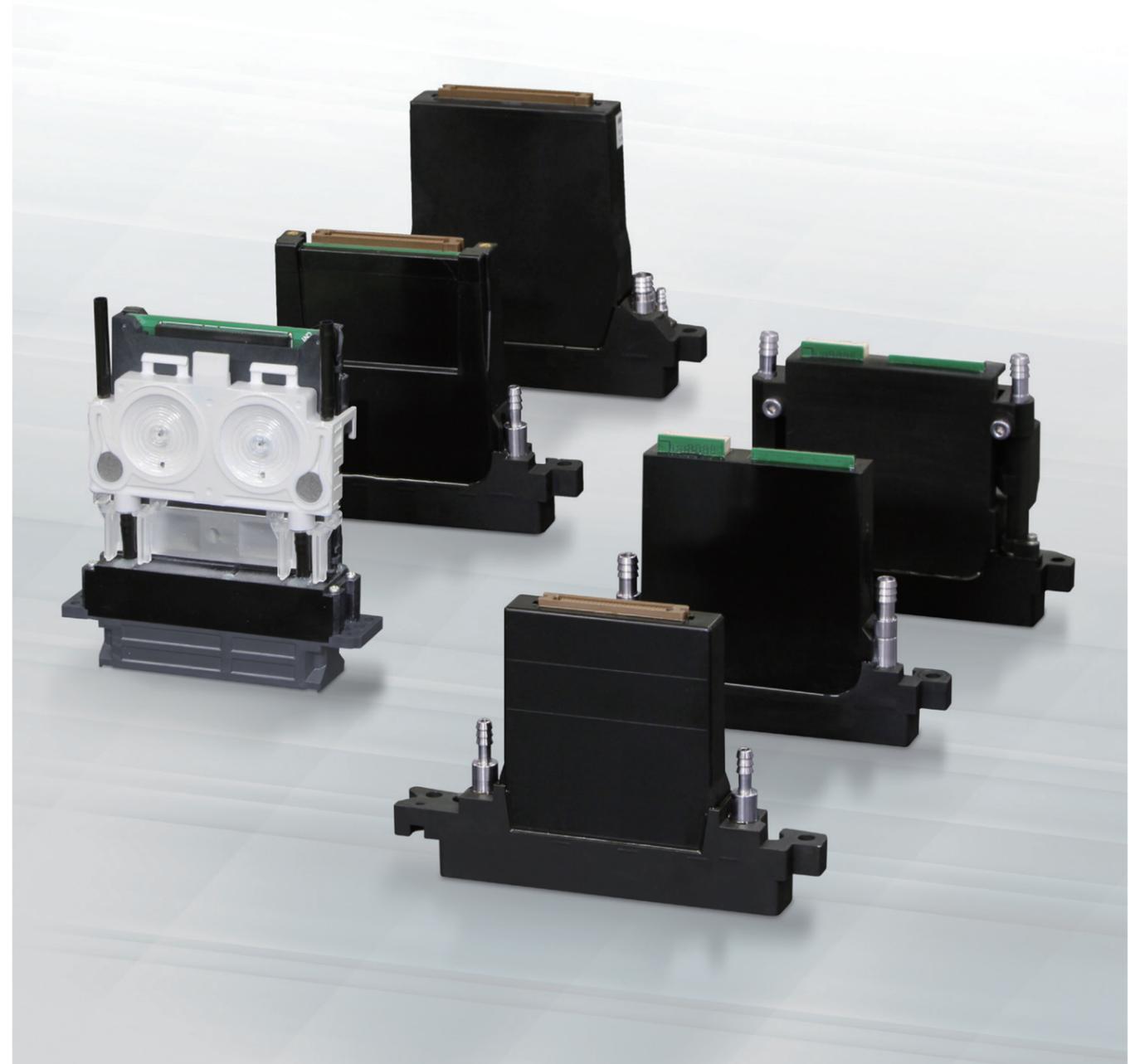


## Konica Minolta's Inkjet Printhead Series



Water-based	Driving Mode	Number of Nozzles	Drop Size	Ink Type	Solvent	UV		Shear 3-cycle		Shear Independent			Bend
						M	S	L	M	S	L	M	
	M	512			L								
	S	1024			M								
	L	512			L								
	M	1024			M								
	S	>1024			S								
	M	800			M								
	S				S								
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# Products you can rely on for High-Performance Printing

## Konica Minolta Inkjet Print head Series

### Inkjet Print head Series Lineup

Konica Minolta's inkjet printheads are featured by high speed and high density to better respond to varied throughput and resolution needs with a combination of droplet size and numbers of nozzles.

### A Wide Range of Solutions Covering User Applications

The reliability enjoyed with Konica Minolta printheads is the direct result of high-level nozzle processing precision and material compatibility based on our own material technology.

This ensures that these devices are suitable for diverse user applications, from high-quality graphic printers to equipment for PCB, LCD, OLED and other electronic applications.

### Designed to Contribute to the Development of Print Systems

Konica Minolta will offer effective solutions to customers in development of print systems.

Inkjet print heads with our own technologies and reliability provide new opportunities and more value for industrial printing.

### Shear Mode (3-cycle)

		KM512SHX	KM512MN / KM512MH	KM512LN / KM512LH	KM1024SNB / KM1024SHB	KM1024MNB / KM1024MHB	KM1024LNB / KM1024LHB
Waveform		Digital	Digital	Digital	Digital	Digital	Digital
Number of Nozzles		512	512	512	1024	1024	1024
Resolution (npi)		360	360	360	360	360	360
Frequency (kHz)		19.5	12.8	7.6	30	12.8	7.6
Drop Size (pl)		4	12	41	6	12	42
Grayscale (levels)		4	4	1	8	4	2
Print Width (mm)		36	36	36	72	72	72
Ink Type	Solvent	✓	✓	✓	✓	✓	✓
	UV	✓	(KM512MH)	(KM512LH)	(KM1024SHB)	(KM1024MHB)	(KM1024LHB)
	Water-Based						
Dimensions (mm)=W×D×H		67×40×73	67×40×72	67×40×72	131×18×89	131×18×89	131×18×89
Weight (g)		90	95	95	140	140	145

### Shear Mode (Independent)

### Bend Mode

		KM512i LNB-30	KM1024i SHE	KM1024i SHE-HM	KM1024i SHE-HM-LV	KM1024i MHE-D	KM1024i LHE-30	KM1280i MHH	KM1280i LHH	KM1800i SHC-C-2	KM1800i SHK-DC	KM512i MAB-C	KM1024i SAE-C	KM1024i MAE-C	KM1024a SHE	KM1024a SHG-RC	KM1024a LHG-RC	KM800	KM800-D	KM800 H-MR
Waveform		Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Analog	Analog	Analog	Analog	Analog	Analog
Number of Nozzles		512	1024	1024	1024	1024	1024	1280	1280	1776	1776	512	1024	1024	1024	1024	1024	800	800	800
Resolution (npi)		180	360	360	360	360	360	450	450	600	600	180	360	360	360	360	360	360	360	360
Frequency (kHz)		27	56	45	44	45	27	45	31	62	75	20	44	28	56	35	25.6	18/10	18/10	18/10
Drop Size (pl)		30	6	6	7.5	13	30	10	19	3.7	5.5	13	6	6	6	6	6	5-22/30	5-22/30	5-22/30
Grayscale (levels)		8	8	8	8	8	8	16	16	16	16	8	8	8	8	8	8	4	4	4
Print Width (mm)		72	72	72	72	72	72	72	72	75	75	72	72	72	72	72	72	56.4	56.4	56.4
Ink Type	Solvent	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓
	UV		✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓			✓
	Water-Based									**	**	✓	✓	✓			**	✓	✓	
Dimensions (mm)=W×D×H		131×18×89	131×18×94	131×18×94	131×18×94	131×18×94	131×18×94	131×18×105	131×18×105	138×20×107	135×24×107	131×18×89	131×18×96	131×18×94	131×18×91	131×20×99	131×20×99	99×19×109	99×19×109	99×19×119
Weight (g)		130	150	150	150	150	150	185	185	210	250	150	150	150	150	200	200	100	120	150

\*The above specifications are as of August 2025. Specifications and appearance are subject to change without prior notice.

\*\*For inquiries regarding compatibility with water-based ink, please contact our sales representative.