

Ricoh launches new industrial inkjet printhead RICOH MH5320/5340/5320 Type A

TOKYO, February 27, 2019 – Ricoh today announced the launch of a new industrial inkjet printhead RICOH MH5320/5340/5320 Type A^{*1}. It will be on display at the Shanghai Int'l Ad & Sign Expo in Shanghai, China, from 5 March through 8 March alongside other industrial printing solutions. The RICOH MH5320/5340/5320 Type A printhead will be commercially available from 1 April, 2019.

The new printhead will be launched as higher spec model of RICOH MH5420/5440 and RICOH MH5421/5441. A minimized 5pl droplet size and improved jetting accuracy yields excellent print quality without graininess. Also, greyscale features a maximum frequency of 50kHz, allowing for increased productivity.

Each printhead has enhanced bonding technology for improved durability. With these new features, the RICOH MH5320/5340/5320 Type A has further enhanced its compatibility with UV, solvent and aqueous based inks. Specifically, the aqueous ink compatibility and service life of the MH5320 is more than double that of the MH5421 that preceded it.^{*2}

In the industrial printing market for sign graphics and textiles there is an increasing demand to meet a variety of customer needs such as smaller lot sizes and shorter delivery time. This has resulted in the rapid digitization of industrial printing to deliver greater flexibility and productivity, and increasing demand for inkjet printheads enabling high-resolution printing and higher productivity.

By introducing this new printhead, Ricoh will meet these market demands. Ricoh will support our customers' printer development and together create new values in digital printing.



RICOH MH5320

In February 2018, Ricoh announced its growth strategy “RICOH Ignite,” which set out its intention to enhance its customer base by expanding its printing technology portfolio. For over 40 years, Ricoh has been developing inkjet technology, and today it is being used not just for printing in the office, but in commercial and industrial printing applications in a variety of different areas including lifestyle. Furthermore, it has been strengthening its “display printing” capabilities for paper and beyond paper, and “applied printing,” which combines processes and materials to create new customer value.

*1 MH5320 Type A is ink port less version

*2 Results obtained using ink and evaluation procedures defined by Ricoh

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Ricoh is empowering digital workplaces using innovative technologies and services enabling individuals to work smarter. For more than 80 years, Ricoh has been driving innovation and is a leading provider of document management solutions, IT services, commercial and industrial printing, digital cameras, and industrial systems.

Headquartered in Tokyo, Ricoh Group operates in approximately 200 countries and regions. In the financial year ended March 2018, Ricoh Group had worldwide sales of 2,063 billion yen (approx. 19.4 billion USD).

For further information, please visit www.ricoh.com

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