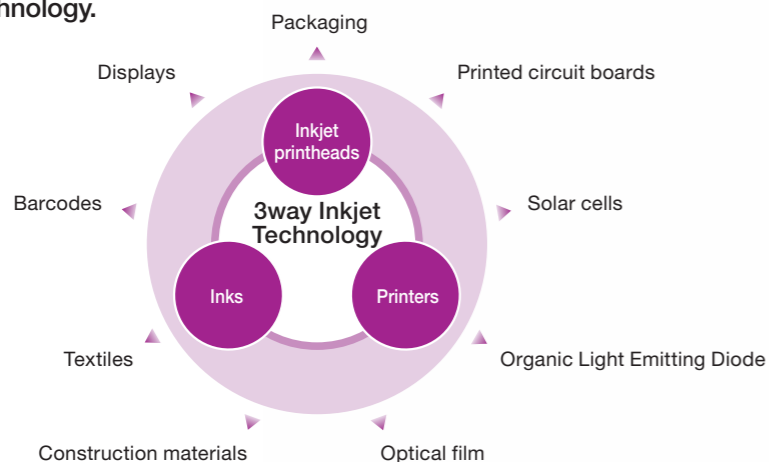


Widening possibilities for industrial inkjet technology and innovating across a broad range of industrial segments

Inkjet inks based on advanced materials technologies, inkjet printheads applying fine-processing technologies, and inkjet printers making use of conveyance control and other printing technologies. . .

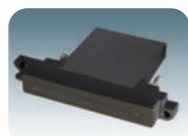
Konica Minolta's development system has given rise to a wide range of technologies, and introduced to the industrial inkjet market a broad variety of small-drop, high-speed, high-drive-efficiency, high-image-quality, low-power-consumption, and other innovations.

In addition, through abilities to work with an extensive array of solvent-based and environmentally considerate water-based inks, as well as various types of chemicals, we are expanding the range of applications for industrial inkjet technology.

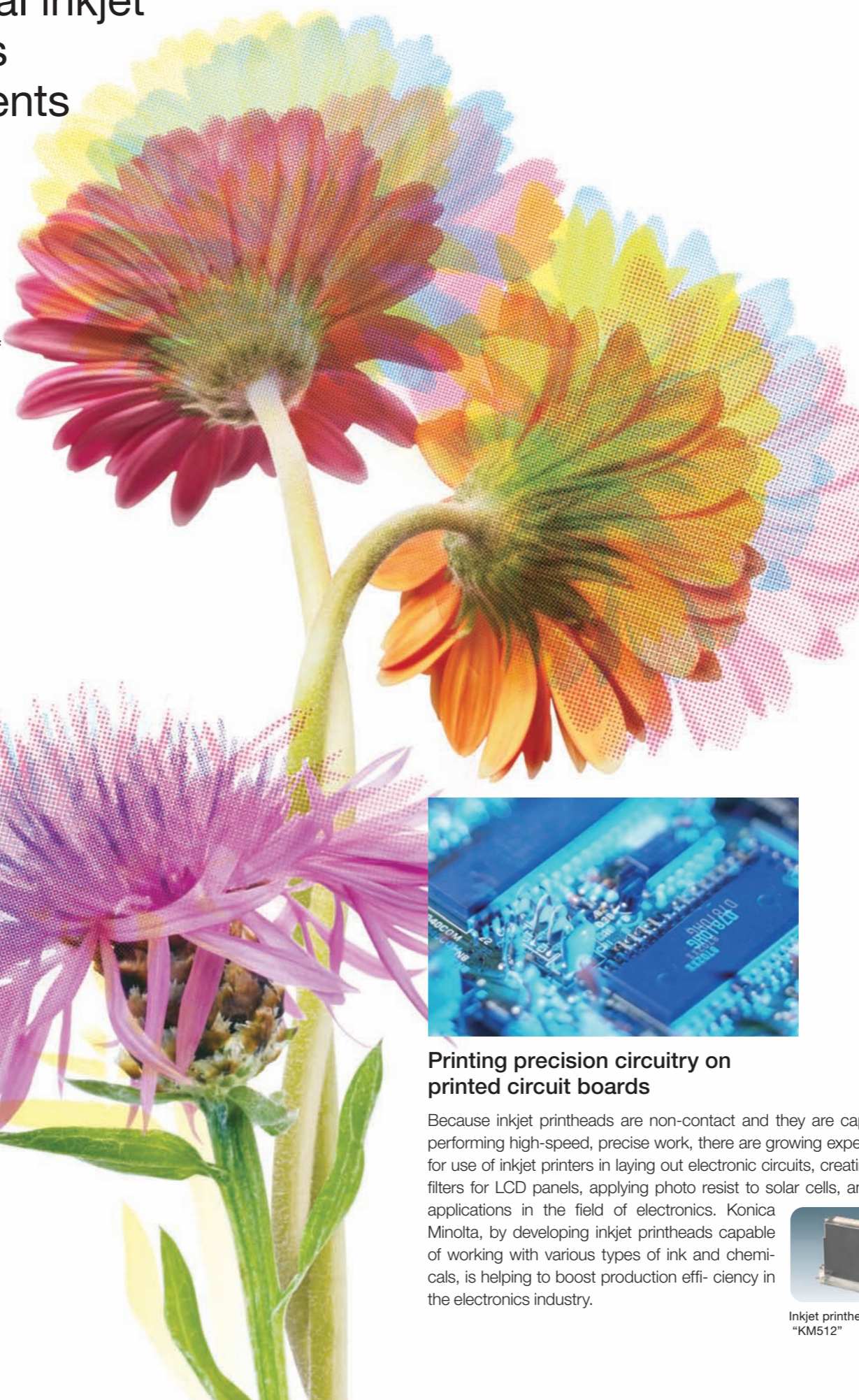


Efficient printing of large-size signboards

Amid exceptionally strong economic development in China, there is a growing demand for large-format inkjet printers for creating signs and outdoor displays. In producing such large-format printing, it is critical that image quality be consistent and that printing be performed as efficiently as possible. Konica Minolta's industrial inkjet printers employ high-density nozzles and an expanded printing width to boost productivity and help reduce the amount of electricity consumed for printing. Having established a solid reputation for outstanding printing functions and quality, Konica Minolta has also secured the top market share for inkjet printheads used to produce large-format printing for outdoor applications.

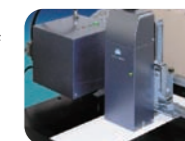


Inkjet printhead "KM1024"



Speedy printing of barcodes and other types of variable-data printing

Eliminating the creation of film, and other intermediate processes, inkjet printers capable of processing digital data at high speeds are perfect for the printing of barcodes and other output based on variable data. Konica Minolta has developed a high-performance light-resistant UV ink, high-precision inkjet printheads, print units that resist scuffing and fouling and a wide range of elemental technologies in earning an outstanding reputation in the field of variable-data printing.



Inkjet print unit "SP-M0320HR"



Faster, more beautiful, and more environmentally friendly textile printing

The range of applications for industrial inkjet technology has expanded to include textiles. Forgoing the need to create stencils and mix inks, as is required in conventional screen printing, inkjet printing greatly reduces impacts on the environment. Such qualities have drawn attention to industrial inkjet technology as an innovative printing alternative in particular for short-run production of various products. Konica Minolta's textile printers use small-dot, high-density, multi-nozzle inkjet printheads to produce images with smooth gradation and subtle tones, at speeds among the highest in the industry.

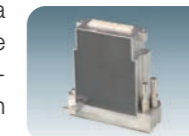


Inkjet textile printer "Nassenger V"



Printing precision circuitry on printed circuit boards

Because inkjet printheads are non-contact and they are capable of performing high-speed, precise work, there are growing expectations for use of inkjet printers in laying out electronic circuits, creating color filters for LCD panels, applying photo resist to solar cells, and other applications in the field of electronics. Konica Minolta, by developing inkjet printheads capable of working with various types of ink and chemicals, is helping to boost production efficiency in the electronics industry.



Inkjet printhead "KM512"