



JETSCI® K Series

High Speed Industrial Inkjet Systems
Monochrome Variable Data Printing

- Innovative • Flexible • Affordable • Profitable



Seamless integration on to
existing Web Press, Sheetfed or
Offline Substrate Carriers

- 75 mm print width/module
- Resolution (Native) of 600 dpi
- Black, spot color, security inks etc.
- Speed up to 180 m/min
- Low cost of ownership
- Faster ROI

Master Class solution for VDP

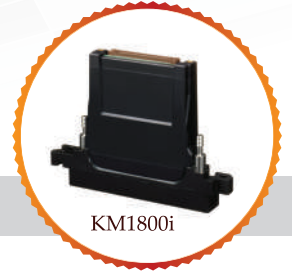
Integrated with Konica Minolta 1800i Inkjet Printhead, Monotech® Systems' own manufactured, JETSCI® K Series, prints variable data accurately and economically at high speeds. Barcodes, text, numbers, images and other printed variable data comes out very sharp and of highest level of quality with 100% readability & scanability. Systems can be integrated easily to customer's existing production line and they can add digital production system to their conventional workflow.

Standard equipment has an industrial controller built and designed according to the 24 X 7 production environment with pre-installed advanced VDP software to print data in real time. Bespoke projects can be undertaken where the systems can be configured as per customer's requirements like number of colors, higher speeds, resolutions and print widths.

Key Applications

- Barcodes & 2-D/QR codes
- Variable text
- Logical and sequential numbers
- Logos and variable images
- OMR and litho codes
- Custom fonts & symbols
- Security features
- Full or part page variable data
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Technical Specifications



Print Head	Konica Minolta 1800i Series (Piezo DOD)
Print Width mm	Multiple of 75 mm
Print Resolutions	600 dpi (Native)
Speed	Up to 180 m/min (Inks, Resolution and Print Head type dependent)
Drop Volume	3.5 pL (Grey scale / Binary mode)
Ink Type	UV Curable, Water Based (Dye/Pigment)
Ink Tanks	5 Litres
Standard Color	Monochrome, Spot
Ink Options	CMYK, Spot, White, Security inks
Recommended Substrates	Paper, Coated, Glossy, Films, Plastics, Polyester, Aluminium Foils, Labels, PVC, Carton, PET , Tyvek etc.
VDP Software Input Format	BMP, JPEG, PNG, TIFF, CSV, TXT, XLS, Database File, PDF Printing (Optional)
Controller Configuration	Industrial PC with 64 - Bit Windows 11, 32 GB RAM, 256 GB SSD (Configurable)
Optimum Temp & Humidity Range	20-26°C, Humidity 40-60%, Non Condensing
Air Supply Requirements	Compressed Air, 6-8 Bar, Moisture & Oil Free
Electrical Requirements	Standard 220-240 V, 50 Hz, 10 A only for Inkjet Print Module (Configuration dependent)

Above specifications are standard and does not apply to all systems. Please discuss the country specific applicants and electrical requirements with our sale representatives and consult our technical team before making any site preparation.



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