



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



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

Master Class solution for VDP

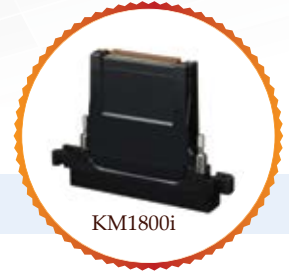
Integrated with Konica Minolta 1800i Inkjet Printhead, Monotech System own manufactured, JETSCI K Series, prints variable data accurately and economically at high speeds. Barcodes, text, numbers, images and other printed variable data comes out very sharp and of highest level of quality with 100% readability & 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
- Micro text and 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 75mm
Print Resolutions	150, 300, 600, 1200 DPI
Speed	Upto 180m/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	2-10 Litres (Custom Sizes Available)
Standard Color	Monochrome
Ink Options	Black, C, M, Y, Spot, White, Varnish, 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 7, 16/32/64 GB RAM, 256 GB SSD (Configurable)
Optimum Temp & Humidity Range	18 - 30 degree C / 40-60 percent
Air Supply Requirements	Compressed clean & dry air, 6-8 (Required in some configurations)
Electrical Requirements	220-240 V, 50 Hz, 10 A (Only for Inkjet System)

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.



You Tube Channel (Videos):
JETSCI Global



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