



C8-1024i PLUS

(KM 1024i-13pl/30pl)

Digital InkJet Printer



KONICA MINOLTA

1024i / 30pl Digital InkJet Printer

1pass	480 x 360dpi	5166 Sq.Ft/h
2pass	360 x 720dpi	3013 Sq.Ft/h
2pass	480 X 720dpi	2583 Sq.Ft/h
3pass	360 X1080dpi	1937 Sq.Ft/h

Main Function Configurations

1. The pinch roller is same as eco solvent printer which can achieve more accurate stepping and combination of the prints. The upgraded printing bed vacuum structure to ensure the media flatness during printing;
2. Longer body design to achieve 3.2M full printing length in high speed mode of 2 pass/360dpi;
3. The computer and key board can be installed on the machine for more convenient operation and space saving;
4. Professional additional collecting system to ensure sufficient drying in fast printing and more convenient process after printing;
5. Special shaft on feeding rolls to fix the media to avoid the movement of media during feeding.



INKJET PRINTHEAD

KM1024i SERIES



Specification

Printhead Name	KM1024iMHE
Technology	Piezo Drop on Demand
Drive System	Independent drive system
Resolution	360npi (90npi x 4lines)
Number of Nozzles	1024nozzles (256nozzles x 4lines)
Drop Size	13pl,30pl
Max Frequency	45 kHz
Printing Width	72 mm
Dimensions	W131mm x D18mm x H94mm
Weight	Approx. 150g
Grey scale	8 levels
Compatible Ink	Solvent Ink, UV Ink, Oil Ink



Inkjet Printhead featuring an All-nozzle Independent Drive System

Main Features

Inkjet Printhead featuring an All-nozzle Independent Drive System with a Multi-line Structure

In contrast with the existing 3-cycle system drive, an independent drive system that enables simultaneous emission from all 1024 nozzles has been adopted. The high-density structure featuring 4 lines of 256 nozzles aligned with high precision enhances positioning accuracy to realize high-definition print quality.

Maximum Drive Frequency (45 kHz) approximately 3 Times greater than that of the KM1024 Series

Adoption of an independent drive system has made it possible to realize a drive frequency (45 kHz) approximately 3 times greater than that of the KM 1024 Series. This is the ideal inkjet printhead for development of single-pass system inkjet printers capable of high-speed printing.

Head Structure featuring Stable Emission Performance and Outstanding Ink Tolerance

KM1024i enables stable emission of a wide variety of industrial inks and features and ink-tolerant structure. In addition, the structure is capable of ink circulation, making it possible to also use ink prone to precipitation.

Appropriate Control of Ink Temperature by the High-performance Built-in Heater

KM1024i features a high-performance heater built into the head, enabling stable temperature control of high-viscosity and other inks used in industrial applications.

Capable of Printing of a Maximum of 8 drop sizes, High Resolution Nozzles of 360 npi

Like the existing KM1024 Series, KM1024i is mounted with a high-performance IC to enable printing of a maximum of 8 drop sizes. This makes the product ideal for new applications that require even greater richness of gradient expression and high-definition image quality.

Environmentally-considerate Approved Green Product (*1)

KM1024i incorporates only approximately one-third (*2) of the petroleum-derived materials and toxic chemicals used in the current KM1024 Series. In addition, the nozzle unit surface area is the same as that of the KM1024 Series.

Viswanath Enterprises

Inks Medias Printer Parts

34, Shree Lakshmi Residency, Ground Floor, 1st Main Road, 1st Stage,
6th Phase, Mahaganapathy Nagar, West of Chord Road, Bangalore-44

Ph : +91 80 23508379, Mob: +91 9916682779, email : viswanathenterprises@hotmail.com