



Merlin K146M MiCR

Process Color Cut-Sheet Inkjet Production Press
with MiCR ink



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MCS Merlin K146M MiCR

Available Exclusively from MCS!

The Merlin K146M MiCR is a low machine cost, low imaging cost, process color "Inkjet" with dedicated MiCR black "K" ink for high volume users. The Black ink "K" ink set has been replaced with MiCR black "K". Any use of K will be MiCR ink. We can use process Black to reduce cost.

- Low capital cost
- Low Imaging cost
- Same proven and highly reliable heads used by many production web presses
- Ideal for 300,000 to 2 million 8 1/2 x 11 images per month



Technology	Spec
Print Technology	Piezo
Native DPI	600 DPI X 600 DPI
Print Array Width	12 3/4"
Max Simplex Size	13" X 19.2"
Max Duplex Size	12" x 18"
Process Color	CMY MiCR K
Type of Ink (CMY)	Pigment H2O
Type of Ink (K)	MiCR
Dryer Technology	Low Heat

MCS Maintenance Plan	Features
Full Service Plan - MiCR Ink Sold Separately	<ul style="list-style-type: none">• On Call Service• Includes CMY Ink• MiCR Ink Sold Separately
Full Service Plan - Purchasing Ink Separately	<ul style="list-style-type: none">• On Call Service• Purchasing Ink Separately
Hybrid Service Plan	<ul style="list-style-type: none">• Ink not included• On Site Service not included

What is MiCR?

MiCR (Magnetic Ink Character Recognition) MiCR ink is a specialized type of ink used in the printing of characters and symbols on documents, particularly on checks and other secure documents.

The distinctive feature of MiCR ink is that it contains iron oxide particles, which make it magnetic in nature. These iron oxide particles allow MiCR readers and scanners to quickly and accurately read the characters and symbols printed with MiCR ink.

Size	Speed Color or B/W
8 1/2" x 11"	146 imp
8 1/2" x 11" (printed 2up)	172 imp
8 1/2" x 14"	98 imp
11" x 17"	86 imp

Why MCS?

MCS brings over 30 years of inkjet solutions to the marketplace. Our engineering, software development, manufacturing and support are all based in the USA. We have a distinct ability to provide our customers with an integrated solution – entirely from one company – giving us a unique advantage in providing ownership and accountability for the solutions we provide.

Who Needs MiCR Inkjet?

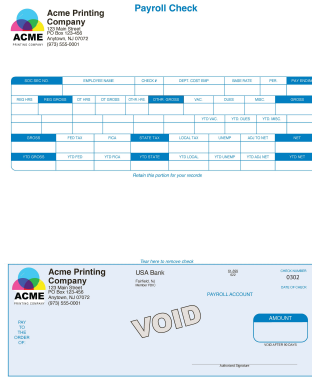
- Check and Business Forms Manufacturers
- In-Plants
- Transactional Service Bureaus



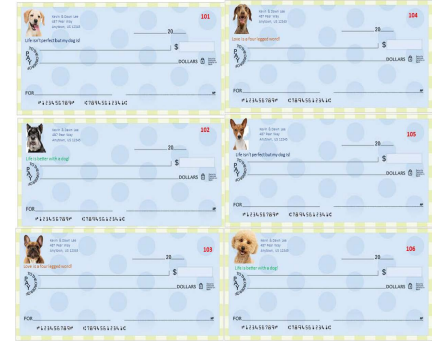
Business Account Checks



Rebate Checks



Payroll Checks



Personal Checks

Stable and repeatable color consistency

Inkjet eliminates the problem of inconsistent color quality that's typically associated with Tonerbased devices: including wear of drums, photoconductor belts, developer, corona wires and other parts required for electrostatic imaging..

With less variables to manage, the Merlin K146M MiCR will bring you consistency during the print run, from job to job and month to month.

Our Merlin K146M MiCR team equips and empowers your print room to produce consistent color quality across different paper stocks and multiple K146M MiCR print engines.

Industry leading workflow

EFI Fiery RIP offers comprehensive support for professional production printing. EFI's extensive professional color management combined with their advanced inkjet experience make the EFI RIP the professional choice.

Inkjet RIP	Type	Std/Opt
EFI Fiery	NX Pro Gen II	Standard
Printing System 50	Win 10 IOT Enterprise	Standard
Page Description Languages	APPE v4.4	Standard
	Adobe PDF Print Engine	Standard
	PDF/VT 1 & 2 support	Standard
	JDF	Standard
	Adobe PS3, PCL 5 & 6	Standard
	PPML and VPS	Standard
Color Profiler Suite		Optional



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