FORMAX®

ColorMax 7
DIGITAL COLOR PRINTER

Standard Features:

- High-speed color printing for a variety of media: letterhead, invitations, postage and barcodes, windowed/non-windowed envelopes, invoices
- Full-color inkjet with Memjet® thermal technology
- Speeds of up to 7,500 #10 envelopes per hour
- Fixed print head: a single 8.77" bar spanning the width of the printing surface
- Up to 1600 x 1600 dpi resolution
- Full-bleed capability up to 8.5" wide
- High capacity ink tanks; Cyan 250ml, Magenta 250ml, Yellow 250ml, Black 500ml
- Up to 16.8 million colors
- Built-in top-load feeder
- Pressure roller transport system with star rollers
- TruType or Postscript system fonts
- Automated print head maintenance system
- USB and ethernet PC interface
- Electronic firmware updates via PC connection

Options:

- Conveyor Stacker
- Infrared Dryer

Innovative Memjet® print head has no moving parts and features 70,400 color ink nozzles, providing higher speeds, more precise printing using less ink and producing less noise than standard print heads

Innovative Technology, Brilliant Full-Color Results

The ColorMax 7 Digital Color Printer uses the latest in inkjet technology to produce full-color output at three times the speed of traditional shuttle head printers, at one third the per-page cost. Its Memjet® print head has 70,400 ink nozzles and no moving parts, which offers higher speeds, lower ink and maintenance costs and less noise.

The ColorMax 7 produces full-color CMYK output, up to 16.8 million colors, on a variety of paper stocks and sizes (see back side for examples), with full-bleed capability on media up to 8.5" wide. It can print 1600 x 1600 dpi at 6 inches per second, and 1600 x 800 dpi at 12 inches per second.

With its thermal inkjet technology, it doesn't require heat or contact to create an image, so it can safely be used with pre-printed envelopes and windowed envelopes without damaging the window or marring the original image. High-capacity ink tanks and fully-automated print head cleaning ensure optimum print quality throughout print runs.

Specifications:

Speed, page printing:	Up to 3,600 per hour	
Speed, #10 envelopes:	Up to 7,500 per hour	
Duty Cycle:	30 million pieces or 500,000 per month over a 5-year life cycle	
Material Size:	Min: 3" W x 4.25" L Max: 9.5" W x 17" L	
Material Thickness:	Up to 1/48" (0.5 mm / 430 gsm / 160# cover / 240# index)	
Print Quality:	Up to 1600 x 1600 dpi @ 6 inches per second, up to 1600 x 800 dpi @ 12 ips	
Print Area:	Up to 8.5" x 17" with full bleed capability	
Ink Tank Capacity:	Cyan 250ml, Magenta 250ml, Yellow 250ml, Black 500ml	
Color Matrix:	Up to 16.8 million colors	
Hardware Required:	Windows-based PC, XP and newer	
PC Interface:	USB & Ethernet	
Firmware Update:	Electronic firmware update downloads via PC connection	
Fonts:	All available TruType or Postscript system fonts	
Dimensions:	24" L x 20" W x 18" H	With conveyor stacker: 81" L x 20" W x 18" H
Weight:	90 lbs	
Electrical:	100VAC 60Hz / 2A	

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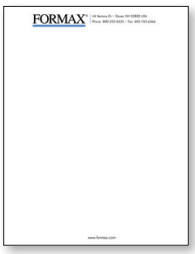
ColorMax 7 Applications

Return Address

Print high quality fonts and text at high speed for applications such as the return address with full color logos on envelopes, flats, cards and letterhead.

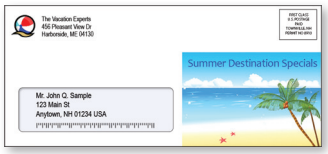
Company Logo Letterhead

The ColorMax 7 makes it easy and affordable to create customized letterhead. Print high-resolution logos on many types of paper including bond, laser, linen and coated stocks.



Windowed Envelopes

Because the ColorMax 7 doesn't require heat or contact to create an image, it can safely print on previously laser printed or windowed envelopes without affecting the print already on the piece or damaging the window.



Invitations and Greeting Cards

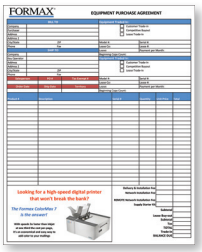
Print high-quality formal invitations and envelopes for events such as weddings and reunions in full high-resolution color and deep saturated black fonts and creative cursives. The ColorMax 7 prints graphics and text at high speed, ideal for the short run production of holiday cards with variable data such as addresses and colorful family holiday pictures, all in one pass.

Barcoding and Addressing

The ColorMax 7 can print barcodes and addresses from various mailing applications, producing high-volume direct mail pieces including company logo, USPS barcodes, return address, permit and graphics all in one pass.

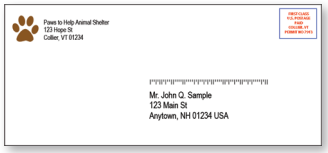
Invoices

Variable data and trans-promotional messages can be printed in one pass in high-resolution color for items such as invoices, statements and customer notices at industry leading costs per piece.



Postage

Print paid postage in the form of Prepaid Postal Permit (in full color for higher response) or downloadable variable or static postage provided by PC postage providers.



Labels

The ColorMax 7 prints vibrant high-resolution color images and text on cut-sheet labels at high speeds. Digital color means no setup cost and economical low-volume customized labels.

ColorMax 7 Digital Color Printer,
shown with optional output conveyor and infrared dryer