



# CME iM2/iM4 UV Curable Printing System

Ideal for Mailing, Printing, Bindery, Packaging, Web, Newspaper Addressing, Marking, Coding, Barcode, Labels, Polybags and More!

## OVERVIEW

The high resolution CME iM2/iM4 UV inkjet printers provide a versatile, cost effective solution to meet the need for variable data printing on a wide range of coated and uncoated substrates.

The CME iM2/iM4 is suitable for mailing and addressing applications as well as, labels, tickets, security, plastic cards, and business form applications. The iM2/iM4 is also capable of printing barcodes, 2D codes, QR codes, numbering, logos, and high quality graphics.

The small footprint and modular design of the CME iM2/iM4 allows it to be quickly and easily integrated into mailing lines, webs, and card line lines. With all the printer electronics and ink delivery systems built in to the print head assembly, it is designed for maximum uptime and peak performance.

## FEATURES

- ◆ True UV Curable Inkjet Technology
- ◆ Smallest UV Curable Printhead available (2.13" iM2)
- ◆ Print width at 2.13" and 4.26" standard
- ◆ High Speed - Over 1200 fpm
- ◆ Lowest maintenance UV printer
- ◆ Premium print quality at a lower cost
- ◆ Compact size - easily portable
- ◆ Installs quickly onto existing equipment
- ◆ Ease of use with simple software
- ◆ Designed for industrial mailing, printing, bindery, packaging and more
- ◆ Groundbreaking design

## PERFORMANCE

With a smaller footprint, higher throughput, lower costs, and proven technologies, the CME iM2/iM4 is a solid performer in the mailing, printing, packaging and newspaper industries.

Using a UV Inkjet Printing System, you can print on coated, uncoated, plastic cards, bags, and much more.

It's clean design, simple to operate interface, and low maintenance process ensure a short learning curve and rapid implementation of any new installation.

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Continued from front side.

## HIGH QUALITY AT HIGH SPEED

The CME-iM2/iM4 supports up to a 600 dpi resolution always giving you maximum quality, there is little that cannot be printed with incredible sharpness. For all production applications where throughput is critical, the iM2/iM4 is capable of ultra fast speeds to meet your productivity goals.

- ◆ 600 DPI Print Resolution (1280 print nozzles)
- ◆ 1 to 3 drop capability
- ◆ Up to 1200 fpm line speed

## PREMIUM CAPABILITIES AT A LOWER COST

The initial cost of the iM2/iM4 is significantly lower than other solutions, and goes far beyond just hardware costs. Factoring in reduced maintenance, efficient use of inks, and reliability, the iM2/iM4 has an incredibly low Total Cost of Ownership.

- ◆ Lowest cost UV curable print solution
- ◆ Quickest ROI in the industry
- ◆ Reduced Operational costs

## COMPACT SIZE

Not only is the Printhead compact, so is the interface enclosure. For the first time, trying to find space on your equipment for bulky ink handling systems and print heads is no longer a concern.

- ◆ Smallest Printhead available
- ◆ Compact Printhead
- ◆ Compact Connectivity Panel
- ◆ Fits in to existing installations with ease

## SIMPLE TO INTEGRATE

With a compact footprint and solid mounting design, upgrading existing print solutions with the iM2/iM4 is a straightforward process. Using 80/20 as the mounting bar, custom lengths can be ordered to accommodate any installation requirement.

- ◆ Installs quickly on to existing machinery
- ◆ Precision mounting gives exact control
- ◆ Small footprint allows for implementing multiple head installations



**2 Meter Umbilical**  
Carries ink and electrical signals

**iM2**

**1 Liter Ink Supply**  
Hot Swappable

**Status LEDs**  
System, Print, Encoder/Sensor, Pump, Pressure and Temperature Status



**Connectivity Panel**  
Encoder, Print Trigger, I/O, Ethernet

**2.13" Print Head**  
Ultra-small footprint  
4.25" x 3.5"

## SPECIFICATIONS

◆ <b>Maximum Print Height</b>	2.13" / 54 mm iM2 & 4.26"/108mm
◆ <b>Maximum Printhead Supported</b>	10

Characteristic	
Print Width	2.13" & 4.26"
Resolution	600 dpi
Number of Drops	1 to 3
Drop Level (1/2/3)	7 pl / 14 pl / 24 pl
Frequency Response	60kHz
Custom Colors	Yes
Smallest Readable Font Size	3pt

Horizontal Resolution	Maximum Speed*	
	m/min	ft/min
600	137	450
300	274	900
150	356	1,200

\* Speed will vary with ink type and drop size.