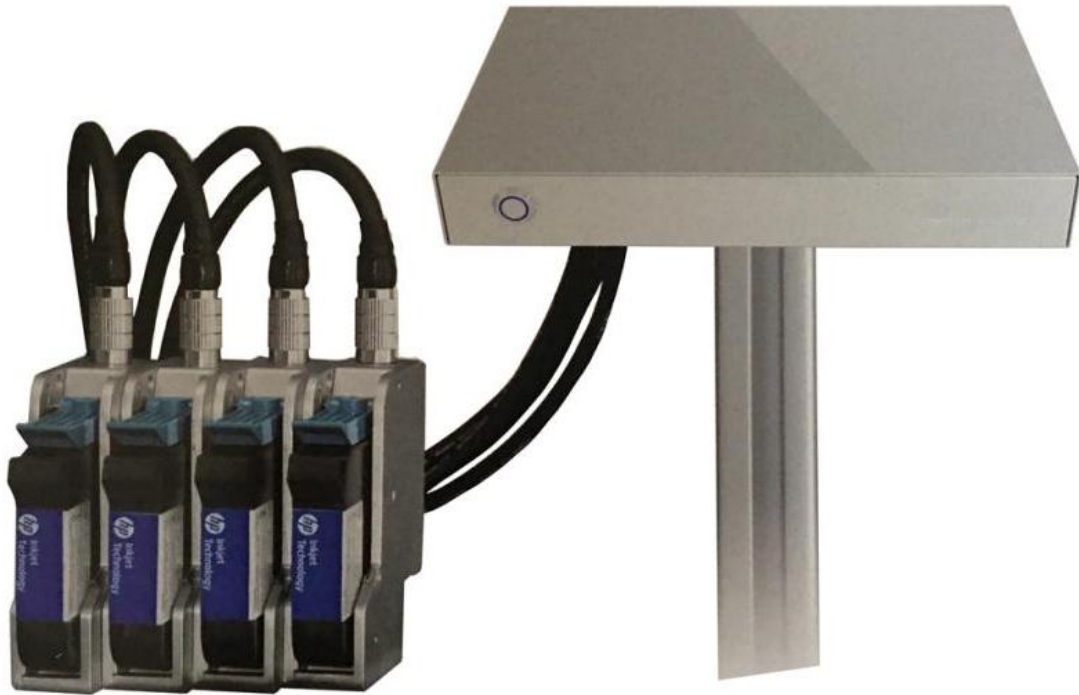# HAE-1000

HAE-1000 Inkjet Coder

Introductions

HAE-1000 multifunctional variable date printing system is authorized by HP, based on HPTIJ2.5, it newly developed high resolution and high printing speed industrial printing system, can work with any packaging printing systems, and can print variable texts, numbers with high quality and high resolution. And can print all kinds of bar code and QR code.
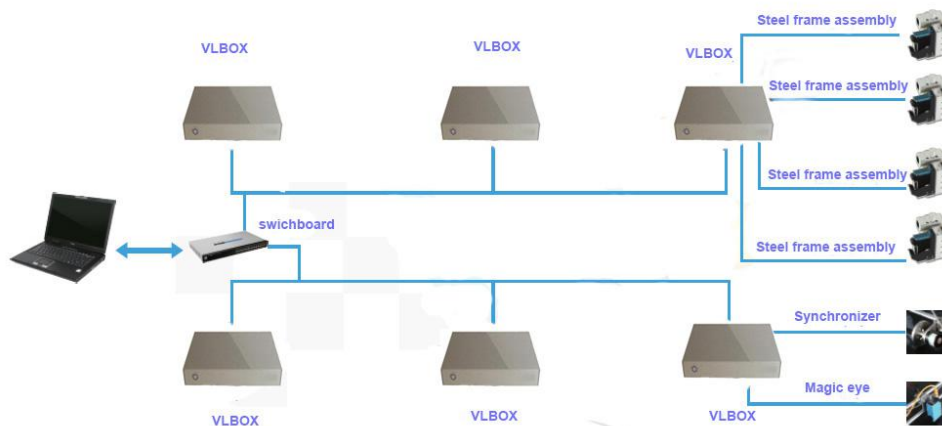
It is widely used in printing kits, cards, bills, labels, ect. It can print multiple variable date and variable graphics, and become the most ideal solution in digital printing and packaging industry.

HAE-1000

Components
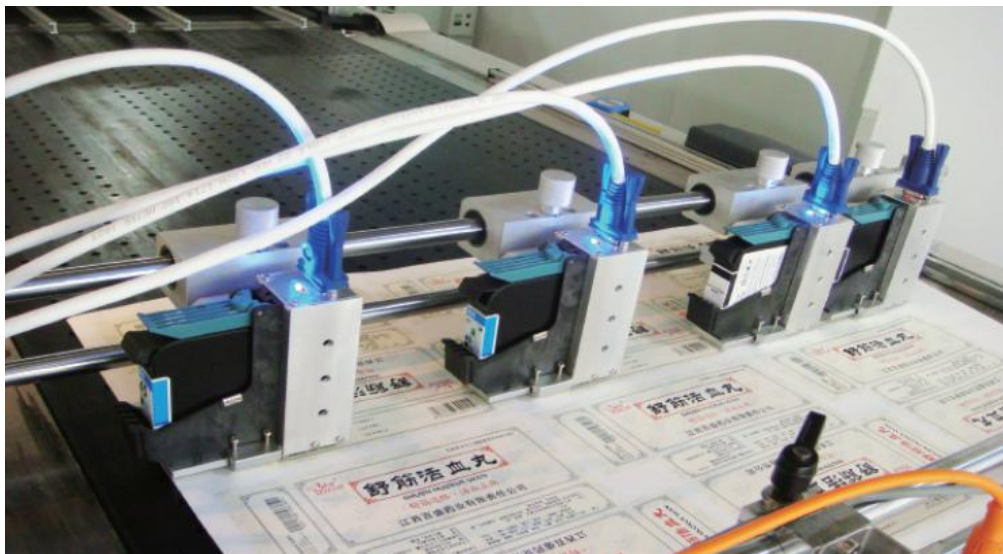
Components of a set of HAE-1000 Inkjet Coder

1. Computer
2. Print Controller, A set of HAE-1000 Inkjet coder system can support 6 units IPC at most, and one IPC can control 4pcs printing head, your choice to decide the quantity.
3. Color mark sensor (Magic eye)
4. Synchronizer.
5. Inkjet coder control software.
6. Cable.

Application Industry

The IPC can print all kinds of bar code, QR code, complex graphics, and large size variable dates, widely used in:

* Packaging Industry (Drug regulatory code, ect.)
* Bill Industry (Express order, bill, ect.)
* Label Industry(Breed, multiply, label, etc.)

HAE-1000

Character

1. Can print 12ft in height.

2. HAE-1000 inkjet coder system can support 6 units IPC, and a IPC can control 1-4 print heads, a print head can print 0.5ft.

3. Print resolution 600*600DPI.

4. Can print variable texts, numbers and all kinds of bar code and QR code.

5. Print speed up to 304m/min

6. Can automatically identify the printed databases

7. Can print any languages in PC

Character

1) Incorporate HP Thermal Inkjet Technology; adopt multiple VLBOX cascading technology; print max. width 12 inches.

2) Each controls max. 6 VLBOX; Each VLBOX unit controls 1 to 4 printheads. Each printhead is 0.5 inch wide (12.7mm).

3) Seamless joint between multi-printheads; Joint accuracy could be set in software.

4) Support water-based ink, invisible ink, fluorescent ink and various kinds of HP certified inks.

5) Print high-definition bitmap fonts; Printing resolution as high as 600 * 600 DPI; with clear and elegant printing effect.

6)   Output variable data of character, numeric and various 1D barcode, and 2D barcode;

7) Printing speed as fast as 304 m/min (300 * 150 DPI).

8) Diverse printing substrates including various kinds of porous materials, copperplate paper, offset paper etc.

9) Function to prevent code repetition:

Identify printed database automatically, in page layout, barcodes will show in different colors if associated with   database field. and system will remind user if database field is associated more than one time; with UPS to prevent data loss while power off.

Technical Characters

Size of HAE-1000	286mm * 260mm * 73mm	
Printing Size	1-24pcs print heads and 12.7mm/print head	
Weight	6kg	
Interface	RS232C (DB9) （Central ink supply） DPBOX 100M Ethernet / PC 1000M Ethernet Printhead(×4)	
Printing Resolution and Speed	600×600 dpi	（ 30m/min ）
	600×300 dpi	（ 60m/min ）
	600×200 dpi	（ 90m/min ）

HAE-1000

	600×150 dpi （120m/min）
	300×600 dpi （30m/min）
	300×300 dpi （60m/min）
	300×200 dpi （90m/min）
	300×150 dpi （120m/min）
	300×600 dpi(High speed) （60m/min）
	300×300 dpi(High speed) （120m/min）
	300×200 dpi(High speed) （180m/min）
	300×150 dpi(High speed) （304m/min）
Ink Supply System	Single HP cartridge, large ink bag, central ink supply system
Sensor	Support a wide range of external sensors (NPN type, contact type)
Synchronizer	300PPI
Power	110-120VAC 50/60Hz 3.2A 220-240VAC 50/60Hz 1.6A
Work Environment	Temperature 10 to 35 degrees Humidity 10% to 80%
Operation system	XP
Static Object	Static text, images, barcodes
Dynamic Object	Dynamic text, counters, dates, and dynamic bar codes (dynamic bitmaps need to be customized)
Barcode Type	One-dimensional: EAN128, Code25, Code39, Code93, Code128, GS1databar and other one-dimensional code Two dimensional: PDF417, Data, Matrix, Maxi, Code, QR-code and other two-dimensional code