Technical Specification

KINGT 金谷田

MODEL	KGT-LE-1610		
Printhead	3-8 Ricoh Gen5 Printheads		
Printing Technology	Piezoelectric inkjet,variable dot printing,grayscale technology(7-21pl)		
X&YMotor	Industrial high quality servo motors x 3		
Printing Resolution	Up to 720x1200dpi		
Printing Direction	Uni and Bi-direction		
Media	Maximum Print Size	160cm(width)x100cm(Length)	
	Table Size	160cm(width)x160cm(Length)	
	Standard Thickness	100mm	
	Weight	50kgs/m2	
Ink Type	UV LED curable inks		
Ink Configuratoin	CMYK+WW(Standard), CMYKLcLm+WW, CMYK+WW+WW, CMYK+WW+VV		
Ink Cartridge Size	1500ml		
Ink Supply System	Negative Pressure System (NPS) with Automatic Ink Supply		
Curing System	Daul UV LED lamps,water cooling system		
Image Process Software	ColorGate(Bundle Version)		
File Format	Tiff,Jpeg,Postscript,EPS,PDF,DCS2.0		
Interface	USB2.0		
Printer Dimesions(X*Y*Z)	3310x1617x1316mm		
Wooden Box Dimensions(X*Y*Z)	3530x1830x1600mm		
Net Weight	700kgs		

Printing Speed (Bi-direction, Single color, Feathering:122, High speed: 1000mm/s, Middle speed: 800mm/s, Low speed: 600mm/s)

Print head	Resolution	Pass	Printing Speed
3xRicoh Gen5	720x 900 dpi	6 Pass	High speed: 12 Sqm/h
			Middle speed: 11 Sqm/h
			Low speed: 9 Sqm/h
	720x1200 dpi	8 Pass	High speed: 10 Sqm/h
			Middle speed: 8 Sqm/h
			Low speed: 6 Sqm/h
	720x1800 dpi	12 Pass	High speed: 7 Sqm/h
			Middle speed: 6 Sqm/h
			Low speed: 5 Sqm/h

Operating Conditions

Temperature	25~30℃
Relative Humidity	40-60%

Electricity Request

Power	5000W
Power requirements	Input voltage:220-240V,single-phase,50/60Hz
Warranty	One year limited warranty(Please contact your local dealer for accurate data)

KINGT 金谷田 CE ECO friendly RICOH Powered by RICOH

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KGT-LE-1610G5

UV Flatbed Printer
Ricoh Gen5 Print Head
Hi-quality, Hi-speed, Hi-CP Value

- Gen 5 series delivers high quality direct printing on a wide range of materials such as wood, glass, metals,leathers, foam bord,stone,pvc etc. embossment effect especially.
- UV flatbed printers offers endless business possibilities for advertising, gift & premium, home decoration, packaging industries.
- Larger table and higher speed cater bigger production and greatly enhance the productivity.
- ColorGate RIP provides an excellent color management, gives brilliant colors and stunning print result.

KGT-LE-1610G5

High Print Quality UV Flatbed Printer

Vacuum system

Ricoh G5 print head

Negative presssure ink supply system

German ColorGATE RIP

Bi-direction printing

Applications

Glass | Acrylic | Ceramic | Wood | Metal | Leather | Phone case | Plastic

Features
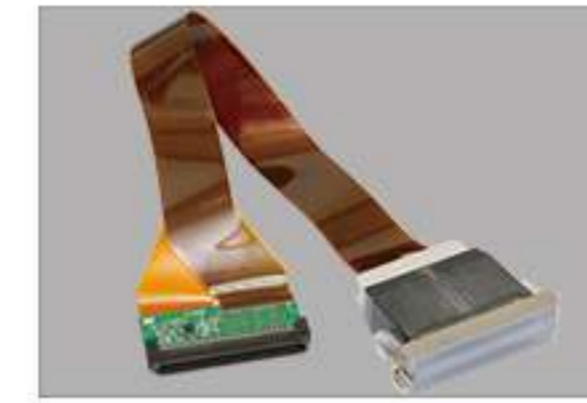
1.Staggered Ricoh Gen5 heads based

Staggered print head for simultaneous white and color printing. Standard with 3 Ricoh Gen5 heads, up to 8 Ricoh Gen5 heads configuration,CMYK+WW+VV(optional).

2.Industrial Y Structure Tungsten Steel Frame

Constructed with industrial Y frame and structure, the machine is heavy duty and built to last.

3.Dual Anti-crash System

Mechanical anti crash device effectively stops the carriage to protect print head once it touches the media;
Hydraulic stoppers avoid the damage of the head carriage once it accidently crashes to the left or right end.

4. Industrial Servo Motors

High performance of industrial servo motors provide excellent control of the movement of the shuttle.
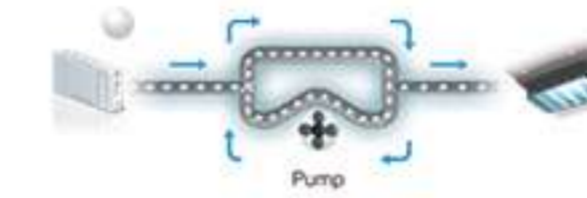
5.Cross Beam Adopts Steel Frame with Dual Guide Rails

Dual linear motion guide provides highly stable environment at high speed printing.

6.High performance lead Screw Introduced from Taiwan Works in Y-axis

Both sides of the printer are equipped with industrial driving screws which ensure high accuracy of the print position and enhance it's durability.

7.White Ink Circulation System

Keeps color particulates in motion in a bid to improve stability and dispersions of the pigments in the fluid reservoir and ink path.

White ink function	Two-layers print function	3D relief printing effect

Through white ink and spot color printingsystem,color is more vivid, which also provides various kinds of printing modes for special materials.

Two-layer printing of separate white and full color layers is possible at the same time

The decorative 3d printing relief effect is beautiful and of high add value.