

# Technical specification



MODEL		KGT-LE-1016	
Printhead		5~8 Ricoh GH2220	
Printing Technology		Piezoelectric inkjet,variable dot printing,grayscale technology(3.5-7pl)	
X&YMotor		High Quality Servo Motors	
Printing Resolution		720x900 DPI / 720x1200 DPI /720x1800 DPI	
Printing Direction		Uni and Bi-direction	
Media	Maximum Print Size	1000mm (Width) x 1600mm (Length)	
	Table Size	1050mm (Width) x 1650mm (Length)	
	Weight	50kgs/m <sup>2</sup>	
Ink Type		UV LED Curable Inks	
Ink Configuration		CMYK+W(Standard),CMYK+WW,CMYK+WW+VV	
Ink Capacity		1500mL /Bottle	
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,Posts cript,EPS,PDF,DCS2.0	
Interface		USB 2.0	
Printer Dimensions(X*Y*Z)		2150x2218x1132mm	
Wooden Box Dimensions(X*Y*Z)		2265x2365x1335mm	
Net Weight		500kgs	
PRINTER SPEED			
Resolution	720x900DPI	720x1200DPI	720x 1800DPI
Pass	6 Pass	8 Pass	12 Pass
Direction	Bi-Direction	Bi-Direction	Bi-Direction
Speed	5 Sqm/h	3.7 Sqm/h	2.5 Sqm/h
Operation Conditions			
Temperature	20~30°C		
Relative Humidity	40-60%		
Electricity Request			
Power	4000W		
Power requirements	Input voltage:220-240V, single-phase,50/60Hz		
Warranty	One year limited warranty(Please contact your local dealer for accurate data)		



## Ricoh GH2220 Series

UV LED Digital Flatbed Printer  
KGT-LE-1016

Hi-Resolution, Hi-Cost Effective

- Ricoh Printhead delivers high quality direct printing on a wide range of materials such as wood, glass, metals,leathers, foam bord,stone,pvc etc.
- UV flatbed printer offers endless business possibilities for advertising, gift & premium, home decoration, packaging industries.
- Flatbed 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.



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## KGT-LE-1016

High Print Quality UV Flatbed Printer



## Features



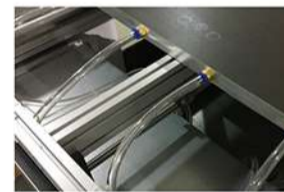
### 1.Ricoh GH2220 Printhead

Latest Ricoh development of industrial GH2220 printhead makes continuous printing at ultra-high quality and delivers excellent cost performance.



### 2.Negative Pressure System

Pressure system for ink supply with digital control greater pressure display gauges to increase printing speed and stability.



### 3.Vacuum Bed Platform

The vacuum bed holds media steady to ensure stable printing. The vacuum system can be turned ON/OFF easily from the control panel by a button.



### 4.Mechanical Anti Crash System

Mechanical anti crash device effectively stops the carriage to protect print head once it touches the media.



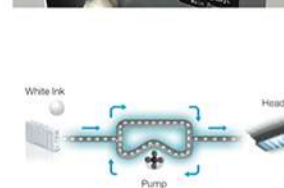
### 5.ColorGATE RIP Software

It supports vary kinds of file formats such as TIF/JPEG/EPS/AI/PS/PDF/DCS2.0.Because of its high performance of color management and ICC profile, there are several advantages by using ColorGATE RIP: 30% ink cost rduction/high print quality/Ink dry in less time/High RIP Speed.....



### 6.Low Ink Volume Reminding System

When the ink volume is low, the alarm will light up and beep.



### 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.



Vacuum system



Ricoh GH2220 print head



Negative pressure ink supply system



German ColorGATE RIP



Bi-direction printing

## Applications



Through white ink and spot color ink printing system,color is more vivid, which also provides vary kinds of printing modes for special materilas

The application of white ink recovers the original color on any dark materials and transparent materials. To print on transparent materials, pre-treatment is applied by the using of a kind of white ink that can recover original color.



All trademarks or registered trademarks are property of their respective owners. Specifications are subject to change without notice. Inkjet printers print using extremely fine dots, thus colors may vary slightly following replacement of the printing heads. Also note that using multiple printer units, colors may vary slightly among the units due to slight individual differences among the unit.