

Technical specification

MODEL		KGT-LE-1216
Printhead		2~3 G5i Printheads, (or 5~8 Ricoh GH2220 optional)
Printing Technology		Piezoelectric inkjet,variable dot printing,grayscale technology(3-12pl)
X&YMotor		High Quality Servo Motors
Printing Resolution		720x900dpi, 720x1200dpi
Printing Direction		Uni and Bi-direction
Media	Maximum Print Size	120cm (Width) x 160cm (Length)
	Table.Size	125cm (Width) x 165cm (Length)
	Weight	50kgs/m ²
Ink Type		UV LED Curable Inks
Ink Configuration		CMYK+W (Standard), CMYK+W+V(optional)
Ink Capacity		1500ml Bottle
Ink Supply System		Negative Pressure System (NPS) with Automatic Ink Supply
Curing Sysem		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
Power		5000Watts
Power requirements		Input voltage:220-240V, single-phase,50/60Hz
Printer Dimensions(X*Y*Z)		2104x2300x1185mm
Wooden Box Dimensions(X*Y*Z)		2270x2430x1335mm
Net Weight		650kgs
Warranty		One year
PRINTER SPEED		
Resolution	720x900dpi	720x 1200dpi
Pass	6 Pass	8 Pass
Direction	Bi-Direction	Bi-Direction
Speed	4 sqm/h	3 sqm/h



KGT-LE-1216

UV LED Digital Flatbed Printer
 Ricoh G5i or GH2220 Print Heads
 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. embossment effect especially.
- UV flatbed printers 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-1216

High Print Quality UV Flatbed Printer

Varnish optional



Features



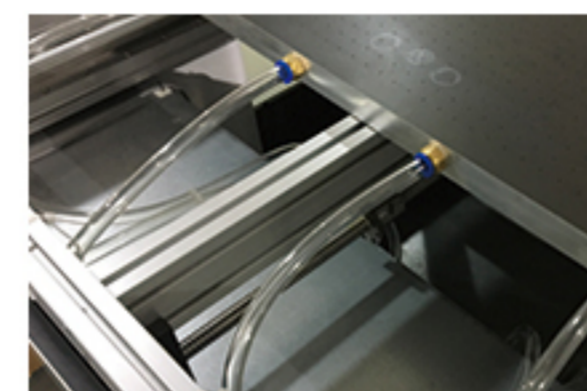
1. Ricoh G5i Printhead (GH2220 Optional)

Latest Ricoh development of industrial G5i 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.



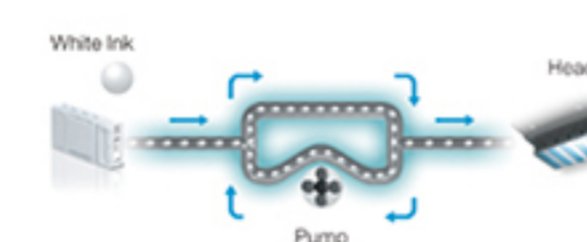
5. ColorGATE RIP Software

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 reduction/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.

White ink function--direct white ink printing and spot color



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

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.



Vacuum system



Ricoh G5i/GH2220 print head



Negative pressure ink supply system

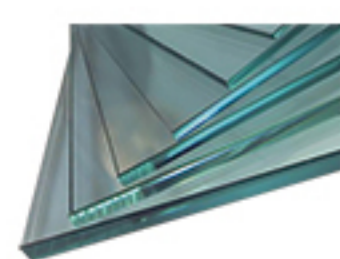


German ColorGATE RIP



Bi-direction printing

Applications



Glass



Acrylic



Ceramic



Wood



Metal



Leather



Phone case



Plastic



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.