

KGT-LE-4550C

Technical specification



MODEL		KGT-LE-4550C
Printhead		3 x Ricoh GH2220 industrial printhead Up to 4 x printhead (Optional)
Structure		Industrial Structure Frame with HeavyDuty Y-Bar
X&Y Motor		High Quality Servo Motors
Maximum Print Size		45cm (Width) x 50cm (Length)
Printing Resolution		720x900dpi, 720x1200dpi
Printing Direction		Uni and Bi-direction
Printing Technology		Variable Dot Printing (Grey Scale Printing)
Media	Table Size	46cm (Width) x 89cm (Length)
	Max Thickness	15cm With infrared Sensor Protection
	Weight	15kgs
Ink Type		UV LED Curable Inks
Ink Color		C,M,Y,K,White(Standard),Varnish (Optional)
Ink Capacity		500ml Bottle
Ink Supply System		Negative Pressure System (NPS) with Automatic Ink Supply
UV Technology		1 x 6 - 8W UV LED Lamp
RIP		PhotoPrint (Bundle Version) / ColorGate (Optional)
Interface		USB 2.0/3.0
Power requirements		100-110V/220-240V, 50/60Hz
Assembled Dimensions (WxHxD)		130cm x 65cm x 89cm
Net Weight		190kgs
PRINTER SPEED		
Resolution	720x900dpi	720x 1200dpi
Pass	8 Pass	16 Pass
Direction	Bi-Direction	Bi-Direction
Speed	1.5 sqm/h full color	0.7 sqm/h full color



Ricoh GH2220 Series

UV LED Curing Flatbed Printer

KGT-LE-4550C

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 board, 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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GH2220 Series

High Print Quality UV Flatbed Printer



Vacuum system



Ricoh GH2220 print head



Negative pressure ink supply system



German ColorGATE RIP



Uni or Bi direction printing

Applications



Features



1. Ricoh GH2220 Printhead

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



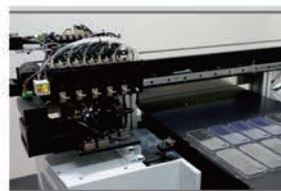
2. Negative Pressure System

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



3. Industrial Servo Motor

A high performance of industrial servo motor provides excellent control of the movement of the shuttle.



4. Industrial Y Structure Frame

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



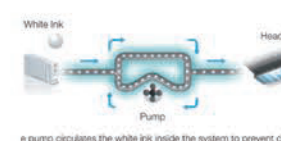
5. ColorGATE RIP

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

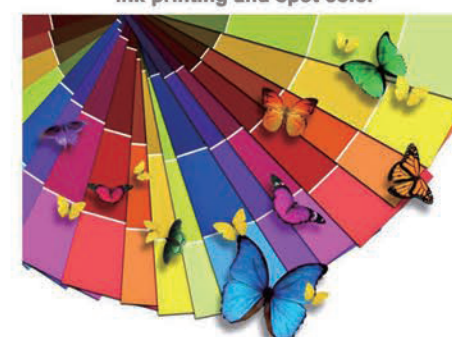
When the ink volume is low, the alarm will light up and beep.



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.

