

GD5000/6000A UV High-speed multi-layer texture painting printer



2mm texture effect : 4 m<sup>2</sup>/h

White Color Multi-layer 3D Printing Technology for Texture Painting



The unique white + color ink facilitates the effect of multi-layer 3D texture painting. With prominent visual effect, it is recommended for oil painting reproduction of various surface textures.

Ricoh industrial print heads with 2-row/3-head and 3-row/5-head staggered array make it possible to achieve multi-layer 3D texture results. New products can be developed and profit can be greatly improved. With a machine that can print different texture and thickness at various speed/ mode, you can meet the requirements of different customers.

- - High efficiency UV-LED Technology;
- - International standard UV ink, replacing eco solvent ink, environment-friendly and odorless;
- - Industrial structure design, simple operation, stable output;
- - Compact body, high productivity. Saving working space/labour/office cost;
- - Caldera, Onyx RIP optional for color management;

5/6 industrial print heads

- Equipped with 5/6 industrial grade Ricoh G5i heads with stagger array
  - Ricoh nozzle G5i adopts gray-scale piezoelectric nozzle and variable ink drop to achieve 3pi printing and photo level accuracy;
  - Ricoh G5i nozzle itself is made of all steel nozzle, which is not easy to be corroded and clogged;



More stable feeding system with 3-foot pinch rollers



Air-cooling UV lamp



Regular take-up, stable media feeding and take-up



Easy-operating touch screen



Anti-static device equipped to fight against static and ensure accurate ink droplets positioning



THK high-precision mute rail





Popular for: multi-layer3D texture painting, front-lit, back-lit, transparent film, see-through, car sticker, etc

## SPECIFICATIONS

Model	GD5000A UV		GD6000A UV
Print Head	Five GEN5i Print Heads		Six GEN5i Print Heads
Printing Technology	Piezoelectric Inkjet		
Ink Droplet	3pl		
Printing Width	210-1750 mm		
Acceptable Media	Width	210-1800 mm	
	Thickness	≤ 1mm	
	Weight	132 lb.(60 kg)	
	Diameter	76.2 mm (3in) or 50.8 mm (2in)	
Ink drying	UV curing, air cooling, led UV, etc		
Ink Cartridges	Type	LED UV	
	Capacity	1.5L bulk ink tank (white ink with stirring at intervals)	
	Color	W+CMYK	W+CMYK,Lc,Lm,Ly,Lk
Printing Resolution	360dpix1800dpi, 720dpix1200dpi, 720dpix1800dpi		
Interface	Ethernet (Gigabit)		
Power Supply	AC 220V ± 5%, 16A, 50HZ ±1		
Power Consumption	2500W		
RIP	PrintFactory		
Weight	380kg		
Dimensions	3350 (W) x750 (D) x1360(H) mm		
Environment	Power on	Temperature: 59 F to 90 F [15 C to 32 C] / Humidity: 35 to 80% (no condensation)	
	Power off	Temperature: 41 F to 104 F [5 C to 40 C] / Humidity: 20 to 80% (no condensation)	
Accessories	Stand,Media Loading & Take-up,Air Drying System,Bulk Ink Supply System		

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