PIXELJET®

IMPRESSIVE PRINT QUALITY WITH MEDIA VERSATILITY

iMPULSE

Faster, Mid-Volume UV-Flatbed Printer

400* SQFT/H

RICOH GEN5, 1280 NOZZLES

Automatic Anti-Crash Sensor

White Ink Recirculation

Pressure & Ink Supply Control

iMPULSE

Applications : Glass | Acrylic (Pmma) | Door Foam Board | Wood | PS Material and more..

Automatic Anti-Crash Sensor

The safety anti-crash sensor design can detect the state of the media before hand and protect the print heads from a crush hazard. While the anti-crash sensor detects that the edge of media is tilted, the turbo flatbed printer will initiate an emergency stop to prevent print head from damage.

UV Varnish Solution

Optional varnish not only enhances the visual quality but also creates the tactile attribute of graphics. Users are able to apply varnish directly on graphics via print heads as either an allover coating or as a spot highlighting, giving your printings more vivid and brighter finishing.

Mechanic Superiority

Dual lead screw & dual guider broadside scanning mechanical structure, industry-leading machinery precision, table loading capacity of 45 kg/sqm automatic take off enables the printing on different sizes of media, auto detection of media, detection of origin, pneumatic medium jack-up system can load the large-format media easily.

White Ink Recirculation

White ink recirculation results in an effective elimination of ink starvation and protects printheads from clogging hazard.

Pressure & Ink Supply Control

Closed-loop automatic control, reliable printing quality, pneumatic control components from Japan delivers guaranteed quality.

Color Option

The machine can be configured as **KCMY / KCMY LcLm / KCMY *2 and KCMY + W**; moreover the machine could spray with white color as bed or cover or spot-color printing.
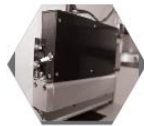
Technical Specifications	
Model	Impulse
Technology	PIEZO Drop on Demand
Print Head	Stainless Steel Industrial Grey Scale High Speed Print Head (7–35pl) Ricoh Gen5, 1280 Nozzles, 30khz, Dual Port
Color	4 Color/2X4 Color/6 Color (White & Varnish)
Resolution	Up to 2400 dpi
Printing Speed	Upto 400 sq.ft/hr *(Depends on number of printheads)*
File Format	TIFF, JPEG, BMP, EPS, PDF
Material Thickness	Up to 100 mm
Drying System	UV Mercury Lamp / UV LED Lamp
Printing Area	2600 mm x 1220 mm
Maximum Material Size	2700 mm x 1300 mm
Ink	UV Curable Ink
Ink Supply System	Automatic Negative Pressure System And Tank Capacity of 2.5 liters
Media	Acrylic, Glass, Wood, Aluminium, Metal, Sun Board, ACP, Tiles
Computer Control System	Windows 7 64bit 8GB RAM
Rip Software	Photoprint / Onyx (Option)
Power Supply	230V, 20A, 12KVA Single Phase
Dimensions	4830 mm x 2470 mm x 1580 mm
Net Weight	1300kgs

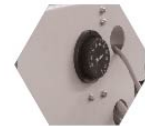*Specifications are subject to change without prior notice.*

ONYX

PhotoPRINT

Anti-static design to avoid splashing

Advance printhead anti-collision system

Ink detection alarm system

Sub ink tank heating system

Independent power supply system for negative pressure

Two servo motors for beam Improving printing accuracy

Brought to you by:

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