CAN YOU PRINT 0~75CM HEIGHT MATERIALS?

YES WE CAN!

- Ricoh gen5 print heads ensure fast printing
- 2 in 1 multi-function platforms
- Print size: left side 800*1000mm + right side 600*800mm
- Print height: left side 0~100mm + right side 0~750mm
- Right side equipped with 65cm height adjustable lifting platform
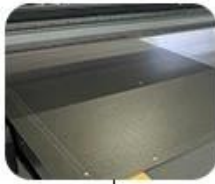
Model No.: RH1610GM

COLOR SCHEMES

color + white + varnish

Ricoh Gen5 Print Heads Arrangement (3~6pcs Heads Options)
RH1610/ RH1610GM/ RH2513: Single Head Double Color

Print Heads Color	Print Heads Quantity	Color Arrangement	Print Area
2color+1white	3pcs	K C M Y W W	160*100cm,250*130cm
3color+1white	4pcs	K C M Y LC LM W W	160*100cm,250*130cm
2color+1white+1varnish	4pcs	K C M Y W W V V	160*100cm,250*130cm
3color+1white+1varnish	5pcs	K C M Y LC LM W W V V	160*100cm,250*130cm
2color+2white	4pcs	K C M Y W W W W	160*100cm,250*130cm
3color+2white	5pcs	K C M Y LC LM W W W W	160*100cm,250*130cm
2color+2white+1varnish	5pcs	K C M Y W W W W W V V	160*100cm,250*130cm
3color+2white+1varnish	6pcs	K C M Y LC LM W W W W V V	160*100cm,250*130cm

RH1610GM

Left platform:
Equipped with air suction device
0–100mm printing height
Max. print volume: W800*L1000*H100mm

Right platform:
Equipped with 0–650mm height
adjustable lifting system
Max. print volume: W600*L800*H750mm

RICOH
- Ricoh gen5 print heads ensure fast printing
- In total 1000*1600mm size platform

Well Configured:
Printer is equipped with electrostatic air gun, infrared radiation and anti–collision device on the carriage.
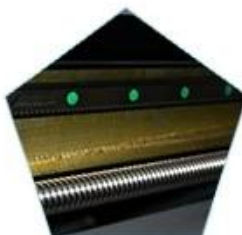
FEATURES

Platform locating
function

Suction platform
segment control

Double
guide,double screw

X,Y axis uses three
groups of servo

Automatic height
detector, ink carriage
anti-collision

Ink carriage with
Anti-static device

high sensitive
printer
anti-collision,safe
operation

The color
separation cleaning
device has high
washout rate and
better ink saving

Environmental
friendly LED-UV
curing

Support CMYK,
White and Varnish
synchronization
output

ADVANTAGES

Machine design advantages:

· Can print 0~75CM height materials
· Left platform equipped with air suction device
· Right platform equipped with 0~650mm height adjustable lifting system
· Durable parts for industrial production.
· Emergency stop switches make it easy to stop operation from any corner of the printer.
· The inside of Printer head has heating function, printing won't be affected by temperature, and no need water cooling system to keep constant temperature.
· Jet force of Ricoh GEN5 printer head is better than Toshiba, there will be no printing affect even space between 3mm.
· Printer is equipped with electrostatic air gun, infrared radiation and anti-collision device on the carriage.

Machine structure features:

· APEX brand new 2 in 1 multi-function platforms UV printer
· Print Size: Left Side 800*1000mm + Right Side 600*800mm
· Print Height: Left Side 0~100mm + Right Side 0~750mm
· Zero positioning assistant system.
· High-precision, high-thickness integrated platform.
· Equipped with vacuum table with Strong material adsorption, easy to feed materials.
· Automatic height measurement system.
· High-sensitivity collision avoidance system.
· Printer head with inner heating temperature controller.
· white ink stirring system.
· Print the color ink and white ink at the same time.
· Y axis adopts imported wire rod and guide rail.
· XY axis adopts high quality servo motor.
· Support the color ink, white ink and varnish oil synchronization output.

Outstanding printing speed and quality:

· Industrial fast printing speed, only 15'06" for full size printing 160*100cm.
· UV curing ink can print in varies materials directly, it can get perfect high performance in color and productivity.
· Ricoh GEN5 prinhead has 5-8 gray scale piezoelectric nozzles, variable ink drop printing, minimum 7pl photo level accuracy, can clearly print 2pt fonts, the maximum resolution up to 1440*1200dpi. Head carriage positioning using a fixed linear grating to ensure high-precision print positioning.
· It has a high degree of printing characteristics, 6 pass bidirectional 13 square meters per hour.
· Save ink up to 30%-50%.
· This printing speed is faster than normal Epson and Toshiba printhead printer, life-time is much longer as well.
· You can set different printing pass to meet your printing result.
· Auto Height Sensor: Smartly Detect the Distance between Media and Printer Head.
· UV Light Brightness Switch: Adjustable UV light Brightness to Fit Curing Needs.
· Auto Positive Pressure Cleaning System.

Various of UV Printing Materials:

·suitable for printing on glass, acrylic, wood, ceramic tile, metal plate, PVC plate, plastic and other materials.

APPLICATION

SPECIFICATION

Model No.	RH1610GM
Print Size	Left Side 800*1000mm/ Right Side 600*800mm (1600*1000mm in Total)
Max. Print Height	Left side H100mm Right side H100mm+H650mm Height Adjustable=H750mm
Multi-function Print Platform	2 IN 1 Multi-function Platform Left Platform Equipped with Air Suction Device Right Platform Equipped with 650mm Height Adjustable Lifting System
Print Head	Ricoh Gen5
Print Head Quantity	3~6
Print Color	KCMYLcLmWWVV
Print Resolution	720*2400dpi 16pass
Curing System	2 * LED UV
Print Format	TIFF, PSD, JPG, etc
Cleaning System	Auto Positive Pressure Printing
Interface	USB2.0
Operation System	Windows 7 / Windows 10
Power Requirement	50/60HZ 220V(±10%)<20A
Temperature/Humidity	68-82°F HR40-60%
RIP Software	PhotoPrint
Printer Weight	665kg
Printer Size	313*181*143cm
Packing Weight	1450kg
Packing Size	377*199*176cm

GALLERY

Microtec/Apex's main objective is to support all our customers, who can manage their APEX UV printers activities without interruption. So Apex offers FREE SPARE PARTS with a quantitative order and the following guarantee:

* Free lifetime technical support online for all apex printers.
* One year warranty for the whole machine excluding printer heads
* Three months warranty on the consumable parts like dampers, cap tops, etc.
* Five professional English engineer available to provide onsite service if customer needed(customers pay onsite service charge, bear tickets and accommodation)

Before shipment, the machine is cleaned fully, daubed by anti-rust oil carefully, covered by plastic bag, wrapped by the strethc film, and at last firmed into the wooden case.

Packaging: packed with foam perfectly, wrapped by stretch film, and put into strong carton box.

Scan for more details

Description:

Machine design advantages:

· Can print 0~75CM height materials

· APEX brand new 2 in 1 multi-function platforms UV printer offers you completely new personalized UV printing experience

· Left platform equipped with air suction device 0-100mm printing height (Max. print volume: W800*L1000*H100mm)

· Right platform equipped with 0-650mm height adjustable lifting system (max. print volume: W600*L800*H750mm)

· Durable parts for industrial production.

· Emergency stop switches make it easy to stop operation from any corner of the printer.

· The inside of Printer head has heating function, printing won't be affected by temperature, and no need water cooling system to keep constant temperature.

· Jet force of Ricoh GEN5 printer head is better than Toshiba, there will be no printing affect even space between 3mm.

・Printer is equipped with electrostatic air gun, infrared radiation and anti-collision device on the carriage.

Outstanding printing speed and quality:
・ Industrial fast printing speed, only 15'06" for full size printing 160*100cm.
・ UV curing ink can print in varies materials directly, it can get perfect high performance in color and productivity.

Machine structure features:
・ Print Size: Left Side 800*1000mm + Right Side 600*800mm
・ Print Height: Left Side 0~100mm + Right Side 0~750mm
・ Right side equipped with 65cm height adjustable lifting platform
・ Zero positioning assistant system.
・ High-precision, high-thickness integrated platform.
・ Equipped with vacuum table with Strong material adsorption, easy to feed materials.
・ Automatic height measurement system.
・ High-sensitivity collision avoidance system.
・ Printer head with inner heating temperature controller.
・ white ink stirring system.
・ Print the color ink and white ink at the same time.
・ Y axis adopts imported wire rod and guide rail.
・ XY axis adopts high quality servo motor.
・ Support the color ink, white ink and varnish oil synchronization output.

Printing quality and speed:
・ Ricoh GEN5 prinhead has 5-8 gray scale piezoelectric nozzles, variable ink drop printing, minimum 7pl photo level accuracy, can clearly print 2pt fonts, the maximum resolution up to 1440*1200dpi. Head carriage positioning using a fixed linear grating to ensure high-precision print positioning.
・ It has a high degree of printing characteristics, 6 pass bidirectional 13 square meters per hour.
・ The maximum print height is 100mm, suitable for printing on glass, acrylic, wood, ceramic tile, metal plate, PVC plate, plastic and other materials.
・ Save ink up to 30%-50%
・ This printing speed is faster than normal Epson and Toshiba printhead printer, life-time is much longer as well.
・ You can set different printing pass to meet your printing result.
・ Auto Height Sensor: Smartly Detect the Distance between Media and Printer Head
・ UV Light Brightness Switch: Adjustable UV light Brightness to Fit Curing Needs
・ Auto Positive Pressure Cleaning System

Specification:

Model No.	RH1610GM
Print Size	Left Side 800*1000mm/ Right Side 600*800mm (1600*1000mm in Total)
Max. Print Height	Left side H100mm Right side H100mm+H650mm Height Adjustable = H750mm
Multi-function Print Platform	·2 IN 1 Multi-function Platform ·Left Platform Equipped with Air Suction Device ·Right Platform Equipped with 650mm Height Adjustable Lifting System
Print Head	Ricoh GEN5 (Nozzles 320X4), printer heads can be 3~6pcs.
UV Curing System	UV LED Water Cooling System
Materials to Print	metal, plastic, glass, wood, ceramics, acrylic, leather, pen, etc.
Power Consumption	3800W
Power Requirement	50/60HZ 220V (±10%) <20A
Environment	20 ~ 28C HR40-60%

RIP Software	SAi PhotoPrint DX Plus
Software Language	English/ Chinese/ German/ Italian/ Japanese/ Korean/ French/ Finnish/ Dutch/ Portuguese/ Spanish
Operation System	Windows 7/ Windows10
Ink Type	UV ink
Ink Color	KCMYWW / KCMYLcLmWW / KCMYLcLmWWVV
Ink Supply System	CISS Built Inside With Ink Bottle
Interface	USB2.0
Machine Size	313*181*143cm
Machine Weight	665kg
Machine Gross Weight	1450kg
Packing Dimension	377*199*176cm
Packing	Strong Wooden Package with Full Foam

Display:

PROFESSIONAL R&D TEAM

OUR EXHIBITIONS

2019 DUBAI

2018 FESPA

2018 AFRICA

2017 HAMBURG

2017 ORLANDO

2016 MUNICH

2015 FESPA

2014 SHANGHAI

2013 SGIA

CUSTOMER VISITING

ENGINEERS ON-SITE SUPPORT