

 **DIGITEX**

GUNSJET

SF1914

NEW Flatbed Inkjet Printer

SHOOT-ABLE TO RIGID / FLAT MEDIA & TEXTILE

A revolutionized weapon for any printing mission

Drop size **7** pico liter



High precision 2 axis movement

Full platform integrated heater

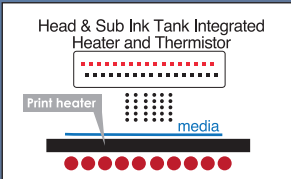
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Highlights



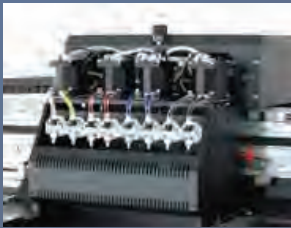
Newly developed gun-speed print head

A newly developed high technology print head provides top class durability, speed and resolution containing 192 nozzles x 2 lines, it enables high speed printing while easy to assemble and calibrate. A reliable high power ejection system is provided by piston pusher with metallic diaphragm to achieve a operating jet frequency up to 30kHz, perfect for high speed and high viscosity solution. Added with new technology to attain the finest 7 pico-liters drop volume, it explores a new horizon for high speed, reliable and resolution printing standard for large and wide format printers.



Full platform with adjustable speed and integrated heater

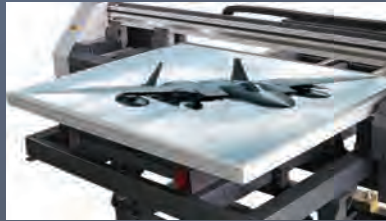
Flat bed platform is integrated with intelligent heater, to provide instant heat up, accelerating ink drying speed and precise temperature control up to 50 deg. C. Print head and Sub ink tank is also integrated with intelligent heater to control ink-operating temperature for the application of high viscosity ink. In low ambient temperature countries, it facilitates as a heater to provide the required operating ink viscosity to ensure continuous stable ink flow.



Active Negative Pressure System

Active Negative Pressure System with digital control pressure display gauges ensures high-quality printing at higher possible firing frequency of inkjet printing with industrial piezo printhead.

Bulk ink tank and waste ink tank are installed with level sensors.



Adjustable Heating Table

Adjustable heating table rapidly dries inks to boost productivity. The temperature can be set up to 50°C through PCS software or an LCD control panel.

High Precision 2-axis Movement Control

High performance and long lasting AC Servo Motor and linear encoder accurately control movement along the X and Y axis.

Technical Information

PRINTING PRODUCTIVITY

Model	SF-1914
Print head	RICOH GEN4, 7PL
Head height	0-50mm(1.96")
Table size	W2000mmxD1540mm
Max. print size	W1900mmxD1440mm
Max print weight	70kg (155lbs)
Colors	CMYK, CMYKOrGr, CMYK L cLm

FEATURES

BENEFITS

394 nozzles (2 x 192)	>	High Performance
30 kHz	>	High Performance
Drop size: 7 picoliter	>	High Resolution Applications
Stainless Steel Construction	>	Multiple Jetting Fluids
60C Operation	>	Multiple Viscosity Fluids

SPECIFICATIONS

Model	SF-1914	
Head	RICOH GEN4, On-demand Piezo head (192 nozzles x 2 lines) x 4 heads	
Table size (WxD)	2000mm x 1540mm (78.7" x 60.6")	
Maximum print width	1900 mm x 1440mm (74.8" x 56.7")	
Printing resolution	1200 x 900 dpi	
Printing System	DOD piezo electric grayscale printheads, automatic voltage and temperature control	
Printing mode (scan x feed)	Uni and Bi-direction	
INK		
System	Automatic Ink Supply and Active Negative Pressure System	
Type	Sol Ink / Eco Sol Ink / Direct Textile Pigment Ink / Aqueous Pigment Ink / UV Ink	
Volume	3L	
MEDIA		
Max. weight	70kg (155lbs)	
Max. thickness	50mm (1.96")	
Interface	USB2.0 high speed	
Applicable standards	CE marking	
Power requirements	Single phase AC 220 to 240V + -10% (50 / 60 Hz, AC) ; 14Amps Max. ; 3KW	
Power Plug	Computer equipment plug (CE cert)	
Operation Environment	Temperature: 20 to 30C (78 to 86F)	Humidity: 40 to 70%
Assembled Dimensions (LxHxD)	3750 x 2250 x 1450mm (147.6" x 88.5" x 57.1")	
Weight (included stand)	1100kgs	

SUPPLIES

Items	Types		Product Range	Items no.
DG MAX-R series	Eco-solvent ink	220ml	C · M · Y · K · Lc · Lm	DJT-RC-36
		440ml	C · M · Y · K · Lc · Lm	DJT-RC-46
		1L	C · M · Y · K · Lc · Lm	DJT-RC-10
DG TEX-R series	Direct textile pigment ink	220ml	C · M · Y · K · Or · Gr	DJT-TP-20
		440ml	C · M · Y · K · Or · Gr	DJT-TP-40
		1L	C · M · Y · K · Or · Gr	DJT-TP-10
UV Curable Ink	-	220ml	C · M · Y · K · Lc · Lm	DJT-UV-36
		440ml	C · M · Y · K · Lc · Lm	DJT-UV-46
		1L	C · M · Y · K · Lc · Lm	DJT-UV-10
Solvent Cleaner & Water Cleaner	-	220ml	-	-
		440ml	-	-
		1L	-	-

OPTIONAL

1. UV ink application
Optional UV-LED lamp allows printing of UV ink in high productivity and energy efficiency
2. Additional 6 printheads
Optional 12 printheads to enhance print speed



Working seamlessly with the professional ColorPRINT RIP software, which produces vivid colors and more details with ColorPRINT's enhanced color management and state-of-the-art raster image process technology to grab viewers' attention.

* Some of the samples in this catalogue are artificial renderings.

* Specifications, design and dimensions stated in this catalogue may be subject to change without prior notice.(for technical improvements, etc)

* The corporate names and merchandise names written on this catalogue are the trademark or registered trademark of the respective corporations.

* Inkjet printers print using extremely fine dots, so colors may vary slightly after replacement of the print heads. Also note that if using multiple printer units, colors could vary slightly from one unit to other unit due to slight individual differences.

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