



SPECIALCOLOR CORPORATION

AJ-1600A(W)/1600A(S)



DX5 INKJET PRINTER

Performance Remarkable

Champion Of Long Time Stable Printing



- ◎EPSON DX5 Piezo Printing Technology
- ◎Higher Precision and Mechanical Print Head Adjustment Free
- ◎30% Speed Higher Than Similar Printers
- ◎Double 4-Color High Speed Production & 8-Color Fine-Art Reproduction
- ◎Top-The-Line Standard Original THK Guiding Rail
- ◎8-Line Independent Ink Supply System
- ◎High Quality & Long Duration Motor
- ◎Three-Phase Heating for Eco Solvent Printing

PERFECT OUTPUT—Indoor paints printing just real as photo performance



SHINING—Indoor light film printing



DIY—Various personalized designs printing

IMPRESSIVE—High fidelity outdoor signs



SPECIALCOLOR ALPHA JETPRO Inkjet Printer presents dramatic progress in both quality and speed. With 8-Lines Independent Ink Supply System and variable droplet technology, ALPHA JETPRO printer can realize high speed printing with double 4-color and high quality output with 8-color printing. ALPHA JETPRO Series, AJ-1600A(W) (water based) and AJ-1600A(S) (eco solvent), covers all indoor & outdoor, water based & solvent printing applications, which greatly meets the demand for various designs and outputs.

◎ EPSON DX5 Piezo Printing Technology



ALPHA JETPRO Inkjet Printer adopts advanced DX5 print head wide up to 24.5mm. Each print head contains 8 lines inkjet nozzles, with 180 nozzles each line, total 1440 nozzles.

◎ Higher Precision and Mechanical Print Head Adjustment Free

With advanced 180 nozzles*8 lines integrated print head, there is no need for mechanical print head adjustment, improving fidelity of output greatly.



◎ 30% Speed Higher Than Similar Printers



With Variable-Ink-Droplet-Control technology, the minimum and maximum ink droplet can reach 3.5pl and 27pl. 3D Intelligent-Eclosion function great reduces banding during the printing, by coordinating with high quality printer structure, printing speed can be improved by 30%.

◎ Double 4-Color High Speed Production & 8-Color Fine-Art Reproduction



Double 4-Color mode with two sets of CMYK ink enables high speed production. 8-Color mode with additional LC, LM, Or and Gr widen the color gamut, perfectly realizes the red and green, natural color of body and shining color of metals.



◎ Top-The-Line Standard Original THK Guiding Rail

With high reputed guiding rail-THK, ALPHA JETPRO is more stable, produces lower noise during printing, and it has a longer duration by 10-year life without maintenance normally.



TEXTILE APPLICATION—Fabric printing solution is available



ATTRACTIVE—Amazing advertisement in light box catches more eyes



Performance **Remarkable**
Champion Of Long Time **Stable Printing**

◎ **High Quality & Long Duration Motor**

With high quality & long duration motor, ALPHA JETPRO makes higher precision printing, more accurate feeding, stability and longer life, prevents from changing motors which can lower the cost.



◎ **Particular Media Clamp**

The media clamp can be moved freely according to the width of media, making the media smooth anytime, and protecting the print head away from scratching.



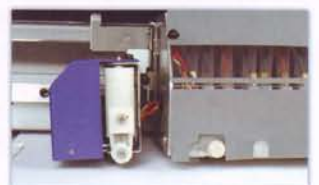
◎ **8-Line Independent Ink Supply System**



As each ink cartridge of 8-Line Independent Ink Supply System supplies ink for one line of print head nozzles independently, it ensures high speed printing with large area deep color requirement.

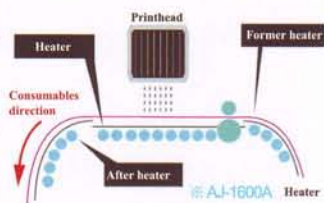
◎ **Adjustable Print Head Height**

The height of print head can be adjusted conveniently to 1.8mm or 2.8mm according to the thickness of media. The printer can control the ink jet by recognizing the print head height automatically.



◎ **Three-Phase Heating for Eco Solvent Printing**

The three independent heating systems can assure the proper temperature of media to improve the image output, and the after-heating can speed up the drying and boost the efficiency of taking up media.



◎ **Automatic Take-up Device (Optional)**

Particularly designed take-up device is convenient enough to realize printing without watching which suitable for long time printing.



★ Specification

Model		AJ-1600A(W)	AJ-1600A(S)
Printing Method		Piezo Ink-jet Method (DX5 Print Head)	
Printing Width		210-1610mm	
Acceptable Media Width		210-1610mm	
Conditions for Usable Media	Type	Roll or Sheet, width is not less than A4 or 210mm	
	Max Thickness	1.5mm	
	Roll Weight	25kg	
Ink Cartridge	Type	Water Based Dye Ink	ECO Solvent Ink
		Water Based Pigment Ink	
		Sublimation Ink	
	Capacity	220 cc /440 cc±5cc	
Color	Double 4-color (C M Y K) or 8-color (C M Y K +LC LM OR GR)		
Capacity		Continuous Ink Supply Cartridge	
Color Gamut Performance		1670 Million Color	
Printing Resolution		1440 dpi ×1440 dpi / 720 dpi×1440 dpi / 720 dpi ×1080 dpi / 540 dpi×720dpi / 540 dpi ×1080 dpi / 720 dpi ×720 dpi / 540 dpi×720 dpi	
Media Control		Automatic Feeding System and Sheet Cutter	
Media Sensors		Two sides: front and back	
Height of Printing Heads		Two types optional :1.2mm/2.8mm	
Printing Heads Cleaning		Automatic cleaning and manual cleaning	
Order Language		RD-RTL,RD-PJL	
Interface		USB2.0/ HIUSB	
Power Consumption	During Operation	1.7A/ 100V to 240V±10%,50/ 60 Hz	
	Sleep Mode	0.5A/ 100V to 240V±10%,50/ 60 Hz	
Power-saving Function		Automatic Sleep Feature	
Acoustic Noise Level	Printing Mode	≤65 dB (according to ISO 7779)	
	Standby Mode	≤40 dB (according to ISO 7779)	
Packing Dimensions(with stand)		2680mm(W)x870mm(D)x940mm(H)	
Printer Dimensions (with stand)		2500mm(W)x740mm(D)x1240mm(H)	
Weight (with stand)		198kg	
Power Consumption		Under 1500VA	
Environmental	Power On	Temperature: 20 to 32°C Humidity: 35 to 80%RH (non-condensing)	
	Power Off	Temperature: 5 to 40°C Humidity: 20 to 80%RH (non-condensing)	
Accessories		Power Cord, Drain Bottle, Manual	

SPECIALCOLOR CORPORATION reserves the right to vary all above specifications and to make any change without further notification. Regular maintenance is necessary for best printing output performance.

SPECIALCOLOR authorized dealers:

GEL-INK
Chemin du Poizat - 69390 CHARLY
Tél. 04 37 41 58 48
WEB : gel-ink.com
Fax 04 26 23 65 93