

High-quality and multi-application 1.8M RTR LED-UV printer



THUNDERJET
BEYOND YOUR IMAGINATION

AW1800UV



**Multi-layer printing
technique!**

*Available with 3/4/5 layers printing.

**Deliver stunning printings
for various applications !**



Multi-layer printing



Water cooling platen



Powerful blower
for 8 zones



AR Taking up system

THUNDERJET AW1800UV

ITEM	SPECIFICATION				
Model	ThunderJet AW1800UV				
Print Head	3~4 Epson I3200 print heads				
Technology	Drop-On-Demand Piezo with Variable Dot				
Curing Sytem	Dual water cooling LED UV lamps				
Ink	UV Flexible Ink				
Color Config.	KCYM; KCYM + W				
Ink Supply System	Aluminum sub tanks with heaters + White ink stirring system				
Ink Tank	2500ml				
Printing Width	Max. 1800mm				
Media Type	Banner, Coated PP, Vinyl, Backlit textile, PVC film, PET film				
Roll Diameter	Max. 300mm				
Roll Weight	Max. 50kgs				
Core Diameter	3 in (76.2mm) or 2 in (50.8mm)				
Printing Speed	Mode	Resolution	Color(3H)	CWC	CWKWC
	Draft	720x1200 dpi	46.8m ² /h	20m ² /h	
	Production	720x1200 dpi	41m ² /h	17m ² /h	3.9m ² /h
	High-res	720x1800 dpi	32.5m ² /h	11m ² /h	
Photo	720x1800 dpi	23m ² /h	7.6m ² /h	2.6m ² /h	
Data Interface	USB 2.0				
Working Environment	Temp.23°C~29°C, Humidity:50%~80%				
Software	PhotoPRINT Mini UV/Onyx(Optional)...+GZ control console				
Power	Single phase, 50Hz/AC, 220V±10%, 5A(Printer+UV Controller)				
Packed/Installed Size	LxWxH(mm):3700x1100x1740/ 3540x1249x1506				
G.W./ N.W.	886kgs/ 670kgs				

Specifications are liable to change without prior notice. The printing speeds are measured in 1.8 m width printing.

Head layout



Original Epson I3200 U1 PHs

Epson I3200 U1 print head with PrecisionCore MicroTFP technology and original 600 dpi delivers beautiful and smooth printing at high speed.



Heavy duty roll to roll UV printer

AR taking up system enables accurate stepping and rewinding for heavy media. AC servo system and dual linear guides ensure stable, precise and fast printing and long running life.



Water cooling platen

Unique water cooling platen enables printing on a wide range of materials without wrinkle, including heat-sensitive substrates.



8 zones vacuum platen

Eight zones vacuum platen driven by powerful industrial blower assures non-wrinkle media feeding for different sizes of material, achieving smooth and perfect printing quality.



Water cooling LED UV lamps

Water cooling LED UV lamps are high curing efficient, energy saving, low noise and long life. It generates very little heat to prevent media deformation.

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