

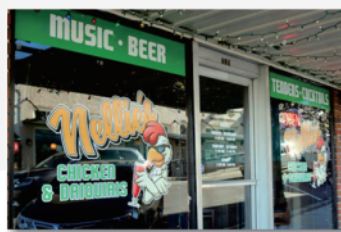
High-quality & multi-application
1.8m RTR LED-UV printer !

THUNDERJET
BEYOND YOUR IMAGINATION

AQ1800UV



Compact body with varnish option!



Multi-layer application



White ink recirculation



Water cooling platen



Anti-collision unit

THUNDERJET AQ1800UV

ITEM	SPECIFICATION					
Model	ThunderJet AQ1800UV					
Print Head	3~4 Epson I3200 U1 print heads					
Technology	Piezo Variable dot (Greyscale)					
Curing System	Dual water cooling LED UV lamps					
Ink	Flexible UV Ink					
Color Config.	KCYM; W+KCYM; W+KCYM+V					
Ink Supply System	Bulk ink supply system + White Ink Recirculation System					
Printing Width	Max. 1800mm					
Media Type	Banner, Coated PP, Vinyl, Backlit textile, PVC film, PET film					
Roll Weight	Max. 50kgs					
Core Diameter	3 in. (76.2mm) or 2 in. (50.8mm)					
Printing Speed	Mode	Resolution	Color(3H)	CWC	CWV	CWKWC
	Draft	720x1200dpi	46.8m ² /h	20m ² /h	11.5m ² /h	3.9m ² /h
	Production	720x1200dpi	41m ² /h	17m ² /h	9.5m ² /h	
	High-res	720x1800dpi	32.5m ² /h	11m ² /h	7m ² /h	2.6m ² /h
	Photo	720x1800dpi	23m ² /h	7.6m ² /h	6m ² /h	
Data Interface	External: Ethernet; Internal: Fiber Optical					
Working Environment	Temp.23°C~29°C, Humidity:50%~80%					
Software	FlexiPRINT/ Onyx(Optional)...+GZ Printer Manager					
Power	Single phase, 50Hz/AC, 220V±10%, 5A(Printer+UV Controller)					
Packed/Installed Size	LxWxH(mm): 3620*1150*950/3400x990x1630					
G.W./ N.W.	510kgs/364kgs					

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

Head layout



Multi-layer Printing Application

Particularly designed for multi-layer applications: colorful; 2layers:W+C/C+W; 3layers:CWC; 4layers:CKWC-Day and Night; 5layers:CKWKWC on demand with fine details.



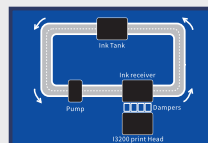
Water Cooling Platen

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



Capping & Wiping system

Capping & Wiping System with one-pass wiper speeds up the print head maintenance with much lower noise. It keeps the print head in good status to achieve perfect output.



White Ink Recirculation System

The white ink is circulated at regular intervals during idle time to prevent pigment sedimentation that leads to malfunctions of the print head.



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