GONGZHENG

THUNDERJET
AQ1902UVZ

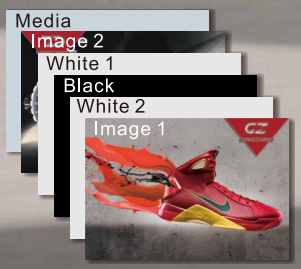
High Quality 1.9M RTR UV Printer

For Multi-Layer Printing, Adding Business Value



GREENGUARD GOLD

GZ Green Technology



Multi-Layer Printing Technology!

***Available with 3/4/5 layers applications**









Multi-Layer Printing

White Ink Recirculation

Water Cooling Platen

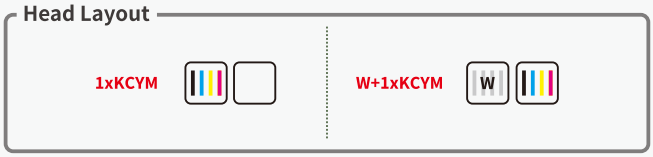
Anti-Collision Unit

THUNDERJET AQ1902UVZ

ITEM	SPECIFICATION				
Model	ThunderJet AQ1902UVZ				
Print Head	2x Epson I3200 U1 Print Heads				
Technology	Drop-on-Demond Piezo with Variable Dot				
Curing Sytem	Dual Water Cooling LED UV Lamps				
Ink	Gongzheng UV Ink: REI-3				
Color Config.	1xKCMY; W+1xKCMY				
Ink Supply System	Bulk Ink Supply System + White Ink Recirculation & Stirring System				
Ink Tank	1500ml				
Printing Width	Max. 1950mm				
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(1H)	CWC	CWKWC
	Draft Production High-Res Photo	720x1200 dpi 720x1200 dpi 720x1800 dpi 720x1800 dpi	11.5m²/h 9.5m²/h 7m²/h 6m²/h	6.2m²/h 4.4m²/h 4.1m²/h 2.9m²/h	 2.6m²/h 1.7m²/h
Data Interface	External: Ethernet; Internal: Fiber Optical				
Working Environment	Temp.23°C~29°C, Humidity: 50%~80%				
Software	FlexiPRINT Mini TX 22 / ONYX RIPCenter (Optional).....+GZ Printer Manager				
Power	Single-Phase, 50Hz/AC, 220±10%; 5.2A (Printer+UV Controller)				
Packed/Installed Size	LxWxH(mm): 3190x1050x750/ 3064x815x1525				
G.W./ N.W.	388KGS / 288KGS				

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

Head Layout





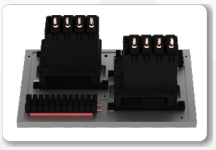
Multi-Layer Printing Application

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



Water Cooling Platen

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



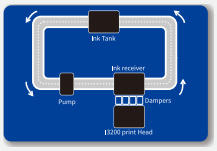
Intelligent Heating Unit

New-developed heating for ink supply system and print head to ensure smooth ink flow and stable printing performance.



Adjustable Stepping System

Serried pinch rollers, one-piece grit roller and individual adjustable pinch roller assure accurate and wrinkle-free media stepping for different thicknesses of materials.



White Ink Recirculation System

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

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