REVOLUTIONIZING CARD PRINTING
Redefine Flexibility, Quality, & Cost-Efficiency with Proud

WOW

Advanced CMYK+W Ink System
Eco-friendly, high-efficiency Certified CMYKW UV inks

Versatile Printing Models
Print CR80 cards and up to 140x88 mm and beyond

Cost Effectiveness
Prints 8000+ CR80 Cards per Ink Set

Intelligent Card Handling
Automated and accurate card feeding system

High Resolution Output
From 1440 x 720 DPI up to 1440 x 2880 DPI

Color Performance
Pure black, spot Pantone colors, security ink & varnish ink option on demand

3 in 1 Encoding
Mag Strip / Smart chip NFC / RFID Encoding

Durable UV Printing
Long-lasting tested prints 168h at 85°C & 85% humidity

Portable & Robust Design
Compact & mobile, suited for any environment

APPLICATIONS - WIDE RANGE OF CARD PRINTING POSSIBILITIES

| ID Badges & Membership Cards | RFID & VDP Cards | Press ID & Access Badges | Event Registration Cards | Government Issued ID Cards |

Spot Color Printing
and Gradient 1000+

Anti-Counterfeiting
Texture Printing

Printing on Laser
Engraving Layer

ADA Braille Tactile
Dots Printing

Black & White

Invisible UV Security
Ink Printing

Lifelike Professional
Portrait Printing

Variable Data Print
and Embossed Effect

Micro-text
Printing

Signature Printing

Accurate
Barcode Printing

Color + Varnish
Printing

Varnish Gloss

Biometrics

QR Code
Printing

White Printing

Embossed Gloss Effect

Model	PROUD-CR80	PROUD-Plus

SCAN TO VISIT PRODUCT PAGE

Product Overview		
SKU	AJPD-N-HS	AJPD-P
Printing Technology	UV Inkjet Technology	
Certifications	CE, FCC, RoHS, REACH	
Warranty	2-year warranty (printhead, and ink channel included)	

Printing Capabilities		
Color Printing	Full Color CMYK mode	Full Color CMYK mode
White Ink Printing	Optional as spot color	Dedicated white ink channel for custom digital printing
Varnish Printing	N/A	Optional gloss / matte varnish coating (requires varnish ink)
Embossed Printing	N/A	Software controlled ink layering for 2.5D - 3.0D embossed tactile effect
Braille Printing	N/A	ISO 17351-compliant Braille encoding with 0.5mm dot height precision

Technical Specifications		
Printing Speed	120-150 cards/hour (singlesided, about 60% coverage); up to 200 cards/hour (bidirectional)	60-100 cards/hour (single-sided, depends on coverage)
Printing Resolution	from 720 DPI up to 2880 DPI	from 720 DPI up to 2880 DPI
Printing Size	CR80	CR80+ up to 88*140mm (customizable)
Card Thickness	0.72 - 1.4 mm (ISO-compliant)	
Supported Materials	PVC, PET, ABS, PC (wood, metal only single feeding)	
Ink Type	UV Inks: Cyan, Magenta, Yellow, Black, White (optional)	UV Inks: Cyan, Magenta, Yellow, Black, White, Varnish, Invisible UV
Ink Cartridge Capacity	Ink cartridge: 230 gr / color (130 gr optional)	
Printhead	Printhead: Epson 1800i	
Interfaces	Interfaces: USB 2.0/3.0, Ethernet	

Compatibility & Software		
Software Support	Software: artisCARD, artisRIP V9.0, artisJet Workstation (third-party compatible)	
OS Compatibility	OS Support: Windows® 7/10/Server Editions	

Physical Specifications		
Printer Dimensions (W*D*H)	780 x 624.5 x 462 mm (30.70 x 24.58 x 18.19 in)	780 x 705 x 462 mm (30.70 x 27.75 x 18.19 in)
Printer Net Weight	75 kg	75 kg
Power Requierements	Power: 110-220V, 50-60Hz, max 3.0A	

Environmental Ranges		
Temperature Range	15°C to 32°C (59°F to 90°F)	15°C to 32°C (59°F to 90°F)
Humidity Range	20%-80% non-condensing	20%-80% non-condensing

Optional Configurations		
Dual-Side Printing	Dual-side printing module (external)	N/A
Encoding Technology	Magnetic stripe,Chip, RFID	N/A

artisJet®
Instant Print Solutions to WOW Those You Value

CONTACT US!
info@artisjet.com

CORPORATE OFFICE
5-7th Fl., Block 3, Zone 8, ABR,
Fengtai, Beijing, CHINA, 100070