AnaJet® | **mPOWER i-SERIES** ™
DIGITAL APPAREL PRINTER

RICOH

Industrial Strength
Print Heads

Fastest Direct to Garment
Single-Platen Printer

Made in US
Globally Sourced Components

mPOWER™
i-SERIES
DIGITAL APPAREL PRINTER

BRINGING
CREATIVITY
+
INNOVATION
INTO CONSUMERS' REACH

Digital Apparel Printing for All Imaging Businesses

↘ High quality direct to garment prints
↘ Cost effective CMYK and white ink printing
↘ Lifetime free technical support and first-class customer service

↘ Rigorously tested for reliability
↘ High speed for production environments
↘ Industrial print head technology

The AnaJet® mPower™ digital apparel printer is a durable, high-quality printing solution for garment decorators, promotional product distributors, commercial and digital printers, retailers and non-profit institutions. Molded by customer needs, the mPower i-series delivers increased print quality and productivity while reducing maintenance downtime and costs.
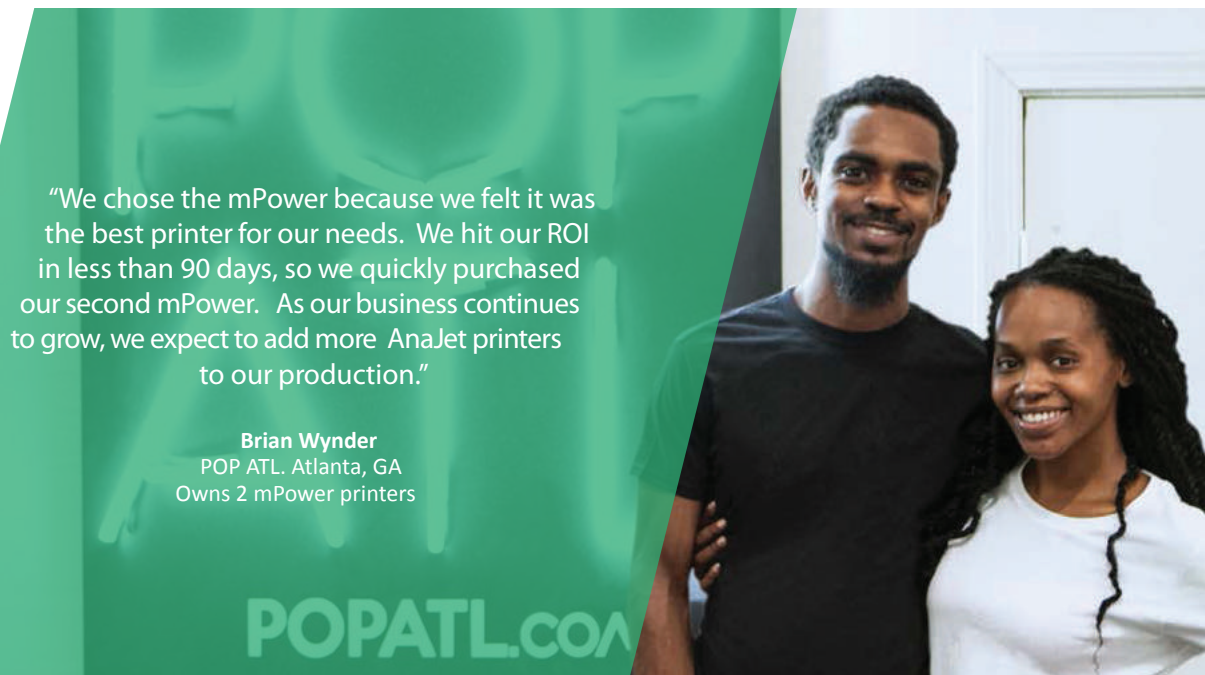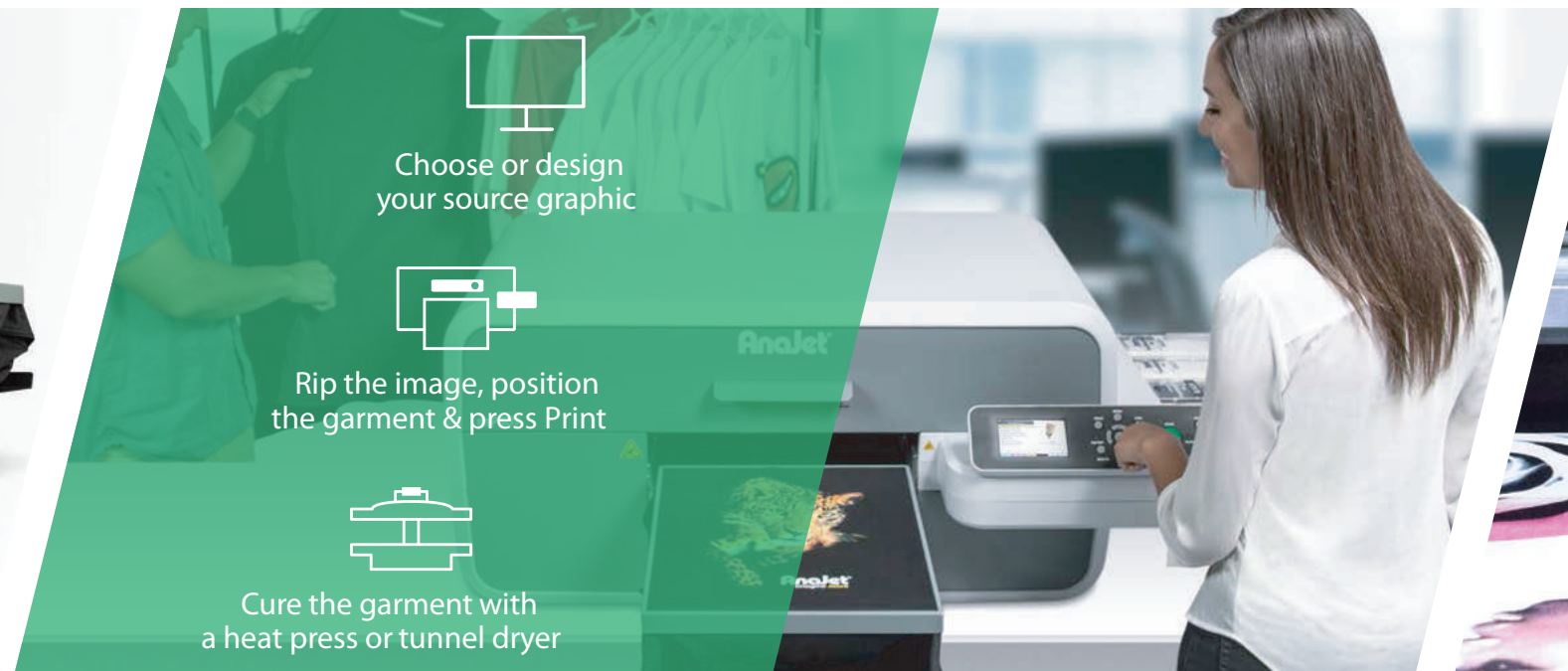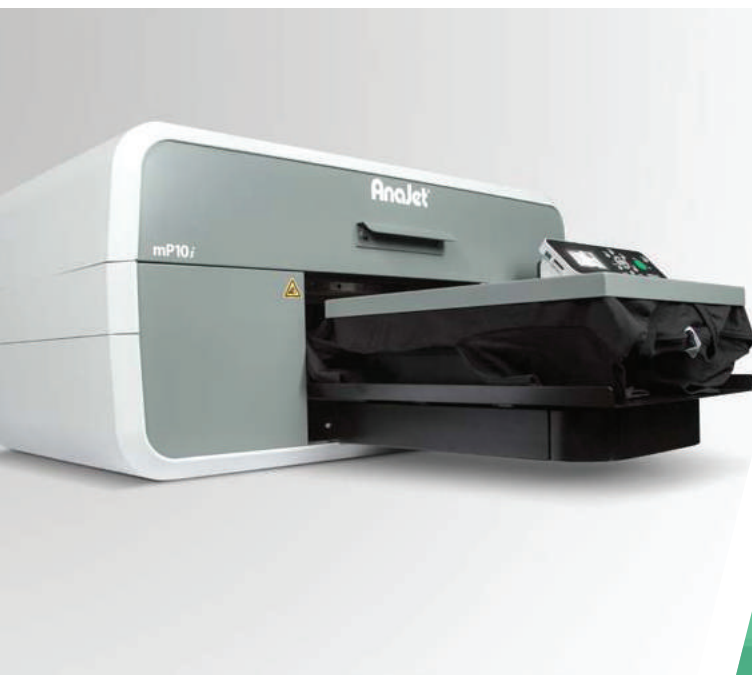
AnaRIP™

Every mPower comes with a free license for AnaRIP, our powerful RIP software based on years of customer input. Produce the highest possible fidelity from your customer's source graphics. See your estimated ink costs per print to enable more accurate pricing. The unique TrueView™ WYSIWYG capability shows you how a print will actually appear on a dark or colored fabric.

Innovative Ink Technology & Reduced Waste

The mPower leverages AnaJet's patented Closed Loop Ink Delivery System. The system is virtually air-tight, which reduces ink nozzle clogging and banding, so you get less evaporation, less wasted ink, and fewer wasted garments.

When you properly store your mPower in a 45% or greater relative humidity environment over the weekend, simply let the printer run self-maintenance. On Monday morning, you'll be printing in just a few minutes.

The mPower uses AnaJet's brilliant, long-lasting PowerBright™ digital textile inks, which have been carefully formulated and tested to work with AnaJet's unique ink delivery system and RIP software.

Choose or design
your source graphic

Rip the image, position
the garment & press Print

Cure the garment with
a heat press or tunnel dryer

"We chose the mPower because we felt it was the best printer for our needs. We hit our ROI in less than 90 days, so we quickly purchased our second mPower. As our business continues to grow, we expect to add more AnaJet printers to our production."

Brian Wynder
POP ATL. Atlanta, GA
Owns 2 mPower printers

Purpose-Built for Digital Apparel Printing

Most traditional garment decoration techniques have color restrictions and require time-consuming set-up and clean-up. Consumer-grade "modified" inkjet printers can print on garments, but using slower, plastic-head technology requires compromises and extensive maintenance.

The mPower is a purpose-built printer with a broad gamut of millions of colors. Our superior ink delivery system enables precise, consistent application. Industrial-strength print heads tolerate high-pressure cleaning, reducing manual maintenance and downtime.

↘ Durable: 100 billion actuations per nozzle
↘ "Plug-n-print" from storage devices – with full-color preview
↘ Versatility for multiple applications (foil effects, hats, canvas, tile, wood, metal and more)

↘ Push-button and auto-maintenance routines
↘ Automatic platen height adjustment

Lifetime Technical Support & Unlimited Training

AnaJet-certified technicians based in Southern California provide free tech support and training to AnaJet customers. AnaJet Certified International Distributors sell, service and support our equipment and undergo re-certification on a regular basis. AnaJet University training sessions – live and online – are included with your purchase. Attend or view training as often as you like. Visit anajet.com/AJU to read about profitable techniques, success stories, maintenance tips and more.

The Fastest Direct To Garment Printer

The mPower is the fastest single-platen digital apparel printer. You can fulfill orders for hundreds of custom digital graphic prints per day.

Any imaging business or distributor can use an mPower to fulfill more orders, capture margin and keep profits in house. Many AnaJet owners have achieved return on their investment in the first year.

↘ Stop outsourcing complex digital graphics and short runs
↘ Capture missed opportunities beyond your core lines of business
↘ Environmentally friendly water-based inks

↘ Print samples on the spot – no waiting!
↘ Skip messy setup, cleanup and toxic chemicals

Feature	mPower mP5i	mPower mP10i
Print table/maximum image area	14"W x 18"L / 35.6cm x 45.7cm	
Print head technology	RICOH MH2420 industrial grade piezo-electric drop-on-demand inkjet	
Ink channels: CMYK and 2 white, nozzles per channel	6/192	12/192
Typical print speed, 12" x 10" graphic, light garment	Speed: 40 seconds print; 20 seconds initial overhead Fine: 80 seconds print; 20 seconds initial overhead	Speed: 20 seconds print; 20 seconds initial overhead Fine: 40 seconds print; 20 seconds initial overhead
Resolution settings	300, 600 dpi (standard)	
Ink	SPECTRUM™, PowerBright™, and PowerBright PLUS water-based pigmented CMYK & white inks	
Ink delivery system	Advanced closed-loop delivery system; ink recirculation system for white channels	
Drop size range	9, 18, 27, or 45 picoliters depending on settings	
Printable substrates	100% cotton and high-cotton blends; 100% poly, wood, canvas, hats and other extended media options available	
Table height adjustment	Automatic sensor adjusts table height for media up to 3.0"/7.6cm thick Manual table height adjustment 0.0" to 3.0"/7.6cm	
Maintenance features	Auto ink maintenance system, 3 levels of automated print head cleaning for clogs, power purge system to help fill and remove ink from system	
Operating Environment	61°F/16°C to 95°F/35°C, Humidity 45-80% RH, non-condensing humidifier	
Connectivity	USB 2.0; supports USB drive, ethernet and SD memory card upload	
Required operating system	Windows XP/Vista/7/8	
Recommended graphics application	Adobe Photoshop, Adobe Illustrator and CorelDRAW	
Supported file types	TIFF, PNG, JPG, PDF, BMP	
Electrical requirements	110/240VAC 50~60Hz, 1.2A max	
Dimensions	19.8"H x 42.3"L x 44"W / 50.3cm x 107.4cm x 111.8cm	
Weight	180lb / 81.6kg	
Curing temperatures and times – heat press (conveyor times vary)	Light shirt (CMYK only): 356°F/180°C, 40 seconds Dark shirt (white ink): 330°F/165°C, 90 seconds	
Pre-treatment	AnaJet PowerBright brand pre-treatment formula: Use HVLP Wagner power sprayer or automatic sprayer	
Optional tables	Hat platen	6" x 1.5 " / 15.2cm x 3.8cm
	Youth size print table	8.5" x 12" / 21.6cm x 30.5cm
	Sleeve print table	4" x 17" / 10.2cm x 43.2cm

20
Seconds to print a full-color, 12" x 10" light shirt graphic

10,000
Hours devoted to lab and beta testing for the launch of the mPower i-series to date

100 Billion
Number of actuations that each Ricoh® industrial strength print head nozzle is rated for

Call your AnaJet representative now toll-free in the USA at 877.626.2538 or find your local authorized AnaJet distributor at anajet.com/distributors.