

AnaJet®

mPOWER™  
i-SERIES  
DIGITAL APPAREL PRINTER



**RICOH**

Industrial strength  
print heads



Easy to use  
control panel



Low  
maintenance



# mPOWER™ i-SERIES

DIGITAL APPAREL PRINTER

## 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. The mPower i-series delivers increased print quality and productivity while reducing maintenance downtime and costs.



Choose or design  
your source graphic

Rip the image, position  
the garment & press Print

Cure the garment with  
a heat press or tunnel dryer

## 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 adjustment

BRINGING  
CREATIVITY  
+  
INNOVATION  
INTO CONSUMERS’ REACH



## AnaRIP™

Every mPower comes with a free license for AnaRIP, our powerful RIP software based on years of customer input. Achieve the best possible fidelity to 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.

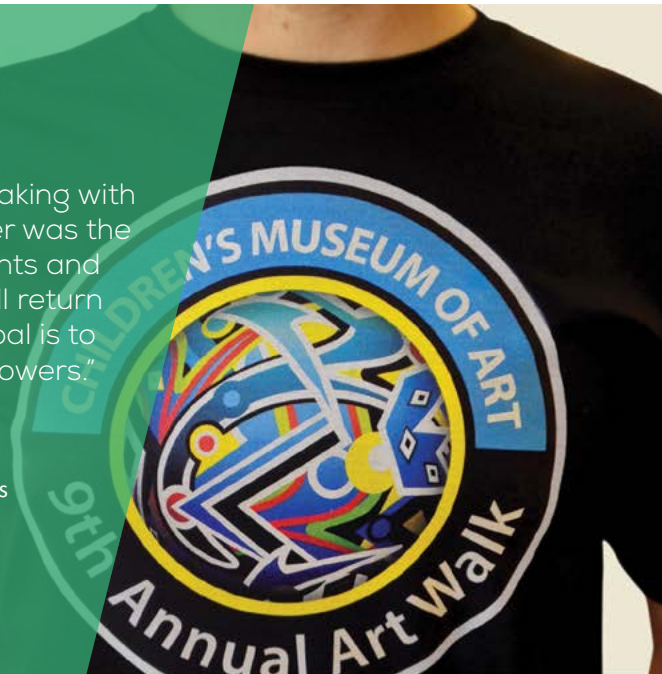
The mPower uses AnaJet's brilliant, long-lasting PowerBright™ digital textile inks, which have been carefully formulated and tested to work with AnaJet's unique ink delivery system and RIP software.



"After months of research, and speaking with several companies, I felt the mPower was the best solution. The quality of the prints and graphics give you customers that will return for life. The product sells itself. Our goal is to expand and purchase many more mPowers."

**Sue Wodzicki**

Color Image Designs/Road Warrior Graphix,  
Lutz, Florida, owner of three mPower mP10i printers



## Lifetime Technical Support & Unlimited Training

AnaJet-certified technicians 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](http://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 custom digital graphic prints in the hundreds of units per day.

Any imaging business or distributor can use an mPower to fulfill more orders, capture margin and keep profits in house. Achieve return on your investment in just a few months.

- Stop outsourcing complex digital graphics and short runs
- Print up samples on the spot – no waiting!
- Capture missed opportunities beyond your core lines of business
- Skip messy setup, cleanup and toxic chemicals
- Environmentally friendly water-based inks

| Feature  | mPower mP5i  | mPower mP10i  |
|--|--|---|
| Print table/maximum image area                                   | 14"W x 18"L / 35.6cm x 45.7cm  |   |
| Print head technology  | <b>RICOH</b> 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 overhead<br>Fine: 80 seconds print; 20 seconds overhead  | Speed: 20 seconds print; 20 seconds overhead<br>Fine: 40 seconds print; 20 seconds overhead |
| Resolution settings  | 300, 600 dpi (standard)  |   |
| Ink  | PowerBright™ 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 and extended media options available   |   |
| Table height adjustment  | Automatic sensor adjusts table height for media up to 3.0"/7.6cm thick<br>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 and SD memory card upload  |   |
| Required operating system  | Windows XP/Vista/7/8   |   |
| Recommended graphics application                                 | Adobe Photoshop, Adobe Illustrator, 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<br>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  |

**AnaJet®**

anajet.com

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Factory Direct  
Made in USA with globally  
sourced components

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](http://anajet.com/distributors).