

Direct to Garment Printer  
Now with enhanced DTF printing capability



By MULTISYSTEM TECHNOLOGY

## RICOH Ri 1000X



## Better Performance | Excellent Value

Get even more for less. With higher image quality, more accurate colors, and automated setup and maintenance, the Ri 1000X easily outperforms its competitors.

### High-Performance Print Heads

The RICOH Ri 1000X is equipped with genuine Ricoh print heads designed for speed, precision, and durability. The result is gorgeous, high-resolution print quality and minimized maintenance.

### Overhead Viewport

Monitor prints from beginning to end. Top window design allows you to view your print job in real time.

### Interactive 7" Touchscreen With Smart Alerts

Large 7" touchscreen boasts a vibrant, full-color display with upgraded graphical interface, intuitive controls, and a built-in interactive. Operation Guide that provides smart alerts and maintenance reminders.



### Sharp, Vibrant Images

Wow your customers with eye-popping prints. The RICOH Ri 1000X offers brighter, more accurate colors and higher image resolution up to 1200 x 1200 dpi.

### Easy Table Adjustment + Quick-change Platens

Quickly switch from printing on a thin garment to a thick garment, thanks to convenient optical sensor technology and precise table height adjustment. Dressable platens provide hassle-free loading and garment protection. Easily swap among different platen options for maximum versatility.

### Easier to keep track of your Ink inventories and supplies

Now you only need one type of cleaning cartridge for CMYK colors and white color to perform maintenance. The Ri 1000X will also use the same white cartridge instead of two.

# RICOH Ri 1000X

## Faster Speeds, Enhanced Print Detail, and Better Performance

The new Ricoh Ri 1000X, with its improved stability platen, provides the desirable performance to achieve the best color brightness and reduction of ink consumption.

### Higher Productivity

Discover the shortest route from design to print. Enjoy the included industry-leading color management software ColorGATE RIP (CGRIP) software, the RICOH Ri 1000X prints full-color graphics in less than 27 seconds\*.

### Ease & Versatility

Quick-change platen options save time while expanding your product offerings. Simply swap and print. No screwdrivers or special tools required.

### New Printing Mode - Dark Garment setting

With "Dark garment setting" on CGRIP, it will adjust the necessary parameters with just a single key. The printer has "Extra Fine Mode" to improve the color gradation on the final print.

### Better Setting for DTF Printing

Conveniently change the setting on the included ColorGATE RIP software with a simple click on the "Color to White" option under "Layers" to use DTF printing.

### Automatic Maintenance

Schedule Automatic Maintenance base on your needs to improve work efficiency. With the help of "Printing Status Indicator", you can manage daily schedule to take advantage of waiting time.

### High Value, Quick ROI

Launching or expanding your apparel printing business has never been easier. Get an impressive set of features at an affordable price that fits your budget to help you achieve ROI quickly.

### Walk-up Ready

Smart automatic cleaning feature and automatic white ink agitation ensure the machine is ready to print whenever you are.

### Strengthened platen drive

Printing higher-quality image on your garment with improved support for the platen drive.

Manually adjust the platen height to reduce ink misting. Your Ri 1000X will automatically verify the surface height before printing.

### Instant access to support videos

Easy access to Ri 1000X video guidance with the QR code on the printer display without using the physical manual. You can follow and perform user maintenance better to ensure your printer is at its best condition.

### The right care for our customers

Ricoh DTG extends our daily schedule to support all customers regardless of where you are in the United States and Canada. We're ready whenever you are.



## Technical Support Extended Hours



**Monday - Friday**

**6:00 am PDT - 5:00 pm PDT  
or  
9:00 am EDT - 8:00 pm EDT**

\* Speed test performed using Speed mode on 10" x 8" graphic on light garment

# RICOH Ri 1000X

## SYSTEM SPECIFICATIONS

### General Specifications

|                                                                     |                                                                                                                                                                           |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printable Area                                                      | Up to 16" x 19.6" / 40.6 cm x 49.8 cm with optional large platen                                                                                                          |
| Print Head Technology                                               | Ricoh piezo-electric drop-on-demand inkjet                                                                                                                                |
| Ink Chambers/Nozzles per Chamber                                    | 4 Ricoh print heads<br>8 Channels/192 nozzles per channel                                                                                                                 |
| Typical Print Speeds*,<br>10" x 8" Graphic,<br>on light garment     |                                                                                                                                                                           |
| -Speed Print                                                        | 27 seconds                                                                                                                                                                |
| -Fine Print                                                         | 42 seconds                                                                                                                                                                |
| Resolution Settings                                                 | Super Speed: 600 x 300 dpi/2 pass<br>Speed: 600 x 600 dpi/4 pass<br>Fine: 600 x 600 dpi/8 pass<br>Extra Fine: 600 x 600 dpi/9 pass<br>Super Fine: 1200 x 1200 dpi/16 pass |
| Ink                                                                 | Genuine Ricoh-approved direct to garment water-based pigmented CMYK and white ink.                                                                                        |
| Ink Delivery System                                                 | Advanced closed-loop delivery system; Auto ink circulation system for white channels                                                                                      |
| Printable Substrates                                                | 100% Cotton and high-cotton blends; 100% light poly, up to 50/50 dark poly wood and canvas. Hats, shoes and other extended media options coming soon                      |
| Table Height Adjustment                                             | Precision manual table height adjustment up to 1.2" / 3.0 cm                                                                                                              |
| Maintenance Features                                                | Precise ink monitoring, auto ink maintenance system, automated print head cleaning, power purge system to help fill and remove ink from system                            |
| Operating Environment                                               | 59F/15C to 90F/32C                                                                                                                                                        |
| Connectivity                                                        | Supports USB drive and Ethernet                                                                                                                                           |
| Electrical Requirements                                             | 100/120VAC 50-60Hz, 0.65A max, 70 watts                                                                                                                                   |
| Dimensions                                                          | 19.4"H x 52.2"L x 33.9"W                                                                                                                                                  |
| Weights                                                             | 242.5 lbs (110kg)                                                                                                                                                         |
| Curing Temperatures and Times - Heat Press<br>(Conveyor Times Vary) | Light shirt (CMYK only): 356F/180C<br>40 seconds<br>Dark shirt (white ink): 330F/165C<br>90 seconds                                                                       |

### Pretreatment

Genuine Ricoh-approved pretreatment formulas. Use included HVLP Wagner power sprayer or automatic sprayer in a separate room from your printer

### Optional Tables

|                  |                   |                                  |
|------------------|-------------------|----------------------------------|
| Standard Table   | Medium (included) | 12.6" x 18"<br>32 cm x 45.7 cm   |
| Optional Platens | Large             | 16" x 19.6"<br>40.6 cm x 49.8 cm |
|                  | Small             | 10.5" x 13"<br>26.6 cm x 33 cm   |

## ColorGATE PS23

### SYSTEM REQUIREMENTS

|                                   |                                                                                       |
|-----------------------------------|---------------------------------------------------------------------------------------|
| Recommended Graphics Applications | PhotoShop/Illustrator/CorelDraw/Action Illustrated                                    |
| Compatible File Formats           | TIFF, PNG, JPG, BMP, PSB, PSD (PDF, PS, EPS are supported for non-bundle editions)    |
| Required Operating System         | Windows 10 (Pro, Enterprise)<br>Windows 11, Window Server 2016<br>Windows Server 2019 |
| Minimum Processor and Memory      | CPU: Intel Core i3-2100 /<br>AMD Athlon II X2 340<br>RAM: 4GB                         |
| Computer Storage                  | Free disc space: 120GB                                                                |
| Display Resolution                | 1280 x 1024                                                                           |