Direct-to-Garment Printer
with Built-in Enhancer system

RICOH Ri 4000

Print on 100% Polyester & Cotton
No Manual Pretreatment.

RICOH
imagine. change.

RICOH

RICOH Ri 4000

Light Garment | Dark Garment | 100% Poly | DTFilm

Built-in Pretreatment System | Socks | Sleeves | Metallic Foil

RICOH Ri 4000

The NEW ERA of DTG printing with Automatic Pretreatment

RICOH Ri 4000 is a game-changing DTG printer with built-in Enhancer technology which means an end to manual pretreatment; This printer will complete the pretreatment process for you. Using RICOH's newly developed ink, you can now print on 100% Polyester and Cotton with unprecedented speed and efficiency.

Quick-change Platens

Changing magnetic platens is a snap. Easily swap among a wide variety of platens for maximum versatility. Print up to 16" x 19.6"

High-Performance Print Heads

The RICOH Ri 4000 is equipped with the leading genuine Ricoh piezo-electric drop-on-demand print heads designed for speed, precision, and durability.

Dual Carriages

The first carriage lays down the newly developed Enhancer followed by the second carriage with the white and color layer.

Auto Platen Height Adjustment

Easily switch between substrates and let the Ri 4000 auto optimize the platen height to achieve the best printing. Automatic and laser-assisted height adjustment speeds up your workflow and foolproof your prints by positioning your platen with precision.

7" Touchscreen With Smart Alerts

Large 7" touchscreen delivers a vibrant, full-color display with upgraded graphical interface, intuitive controls, and advanced technologies. Includes an operation guide that provides smart alerts and maintenance reminders.

New Enhancer and Ink Formulas

Equipped with 4 cartridges of enhancers, 4 CMYK, and 2 white. Ri 4000's inks are safe, long-lasting, vibrant, and superior color performance even on 100% polyester. Save ink, time, and cost by optimizing your inventory

Print on Polyester & Cotton in any colors. No manual pretreatment.

The new RICOH Ri 4000, with a built-in Enhancer system and newly developed inks, allows you to expand your product offerings, save costs, and increase your work efficiency.

Print on **Dark Polyester** with ease

With the development of the new RICOH Inks and printer, the Ri 4000 prints on 100% polyester with ease. Expand your business by printing on polyester with the best quality and lower costs to satisfy the growing demand for polyester fabrics, particularly for sportswear.

Built-In Enhancer system

No manual pretreatment process is needed. Ri 4000 automatically performs the pretreatment process by discharging the RICOH enhancer liquid with its inkjet heads on the garment. As a result, reduction of workloads, lower margin of error, and minimum operator training are achieved.

Save Ink/Time/Space for quick ROI

Since pretreatment liquid is only applied to the print area and not the whole surface, Ri 4000 uses less pretreatment liquid than other printers. By eliminating the need for manual pretreament application or a specialized secondary machine, the print quality is consistent and your workspace is streamlined.

Automatic maintenance system

Thanks to the automated maintenance procedures and advanced monitoring technology, the Ri 4000 stays in an active state where it is walk-up ready and reduces manual upkeep.

The right care for our customers

Recognized as a worldwide leader in Technical Support, RICOH offers support via phone, email, and video call, plus access to our RICOH University learning resources. RICOH technicians will work with you until your prints are perfect. We're always at your side.

RICOH Ri 4000
TECHNICAL SPECIFICATIONS

Printable Area	Up to 16 x 19.6 inches (40.6 x 49.8 cm) with large platen (optional)
Print Head Technology	RICOH Piezo-electric drop-on-demand inkjet printhead
Ink Chambers / Nozzles per Chamber	8 Ricoh print heads 16 Channels/ 192 nozzles per channel
Print Speeds*, 10" x 8" Graphic, on light garment	Speed print: 92 seconds Fine print: 123 seconds
Resolution Settings	Speed: 600 x 600 dpi/ 4 pass Fine: 600 x 600 dpi/ 8 pass Super Fine: 1200 x 1200 dpi/ 16 pass
Ink Type	Genuine Ricoh-approved direct-to-garment water-based pigmented CMYK, white ink, and enhancer.
Ink Delivery System	Advanced closed-loop delivery system; Auto ink circulation system for white channels
Printable Substrates	100% polyester, cotton, and blends; DTFilm (with recommended setting from RICOH)
Table Height Adjustment	Auto table height adjustment up to 1.2 inches (3 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
Connectivity	USB drive and Ethernet
Operating Environment	59° - 90°F (15° - 32°C)
Electrical Requirements	AC 100V-120V, 50-60Hz, 4.0A, Max 320 watts
Dimensions (WidthxDepthxHeight)	34.7 x 65.4 x 19.7 inches (88.2 x 166.2 x 50 cm)
Weights	298 pounds (135 kg)
Curing Temperatures and Times - Heat Press (Conveyor Times Vary)	Light Polyester/Cotton (CMYK only): 280°F (138°C) Dark Polyester/Cotton (CMYK+white ink): 280°F (138°C)

Print Tables	Medium platen (included) 12.6 x 18 inches (32 x 45.7 cm) Small platen (optional) 10.5 x 13 inches (26.6 x 33 cm) Large platen (optional) 16 x 19.6 inches (40.6 x 49.8 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) Windows 11, Window Server 2016 Windows Server 2019 (Apple MacOS with Parallels Desktop)
Minimum Processor and Memory	CPU: Intel Core i3-2100 / AMD Athlon II X2 340 RAM: ≥ 4GB
Computer Storage	Free disc space: 120 GB
Display Resolution	1280 x 1024
Learn more	www.colorgate.com

www.RicohDTG.com
(877) 626-2538