Direct to Garment Printer
Now with enhanced DTF printing capability

RICOH Ri 1000X

RICOH
imagine. change.

RICOH

RICOH Ri 1000X

Printed on a Ricoh Ri 1000X

Light
Garments

Dark
Garments

Sleeves

Poly
Blends

Hoodies

Bags

Socks

Metallic
Foil
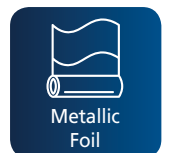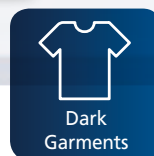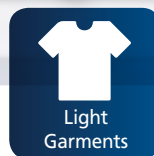
Enjoy superior image quality and effortless operation

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 minimised 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

The large 7" touchscreen boasts a vibrant, full-colour display with an 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 colours 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 colours and white to perform maintenance. The Ri 1000X will also use the same white cartridge instead of two.

Unlock your creative potential with the RICOH Ri 1000X

Making dreams a reality
Whether you are a seasoned professional taking your merchandise to new heights, or a newbie decorating garments for the first time, the Ri 1000X will make your dreams a reality.

Direct to Garment and Foil
Anything is possible with the Ri 1000X. Effortlessly switching between fabric and foil, the Ri 1000X allows you decorate a variety of substrates, including fabric, wood and canvass.

Your fashion, redefined
Quality is everything in the world of fashion. Vibrant graphics can be printed on light and dark fabrics, and our water-based pigment inks infuse garments with a luxurious feel.

Fast track from design to print
With our bundled, industry-leading ColorGATE RIP software driving production, the Ri 1000X produces stunning, full-colour graphics in under 27 seconds.

Turbo charge production processes
Our quick-change magnetic platens will save you time. Swapping platens and garments couldn't be easier; there's no need for screwdrivers or special tools.

Dark garment mode
Leveraging the ColorGATE RIP's new Dark Garment Mode, you can easily fine-tune print settings, adding a white undercoat with a single key stroke.

Safe and sustainable apparel
Our eco-friendly inks meet ECO PASSPORT safety standards, making them ideal for sustainable production and safe for adults, children and babies to wear.

Bespoke soft furnishings
The Ri 1000X will broaden your horizons, enabling you to print graphics of up to an impressive half a meter in width (maximum 508 x 406 mm).

Primed and ready to go
An intelligent automatic cleaning system, coupled with automatic white ink agitation, guarantees your garment printer is ready whenever you need it.

Automatic maintenance
Improve efficiency by scheduling maintenance for quiet periods. With the help of the Printing Status Indicator, you can take advantage of waiting time.

Instant online support
There is no need to read the manual. Simply scan the QR code displayed on the printer to access our helpful online video support guides.

RICOH Ri 1000X

SYSTEM SPECIFICATIONS

RICOH Ri 1000X

Printer Type:	Direct to Garment / Direct to Foil Printer
Technology:	Ricoh Piezo-electric drop on demand inkjet systems
Number of Print Heads:	4 print Ricoh heads (8 channels/192 nozzles per channel)
Ink Type:	Genuine Ricoh-approved water-based pigment inks
Ink Colours:	CMYK and White
Ink Delivery System:	Cartridge with closed-loop pump system
	Automatic white ink circulation
Pretreatment:	Genuine Ricoh-approved pretreatment formulas
	Use included HVLP Wagner power sprayer or automatic sprayer in a separate room from your printer
Printable Area:	406 mm x 498 mm (maximum, with optional large platen)
Print Resolution:	Super Fine: 1200 x 1200 dpi/16 pass (maximum)
	Extra Fine: 600 x 600 dpi/9 pass
	Fine: 600 x 600 dpi/8 pass
	Speed: 600 x 600 dpi/4 pass
	Super Speed: 600 x 300 dpi/2 pass
Typical Print Speed:	Speed Mode: 27 seconds
	Fine Mode: 42 seconds
	(254 x 203 mm CMYK graphic on a light garment)
Printable Substrates:	100% cotton and high-cotton blends, 100% light polyester, up to 50/50 dark polyester, wood, canvas and foil
Garment Type:	T-shirt, tote bag, sweatshirt, polo shirt, cushion cover and more
Fabric Thickness:	Up to 30 mm
Table Height Adjustment:	Precise manual adjustment, up to 30mm
Platens:	Large: 406 x 498 mm (option)
	Medium: 320 x 457 mm (included)
	Small: 266 x 330 mm (option)
Curing Times:	Light shirt (CMYK only): 40 seconds at 180°C
	Dark shirt (white ink): 90 seconds at 165°C
	(Heat press, conveyor times vary)
Maintenance Features:	Precise ink monitoring, automatic ink maintenance system, automated print head cleaning, power purge system to help fill and remove ink from system
Operating Conditions:	Temperature: 15 - 32°C
	Relative Humidity: 45 - 80% RH
Dimensions (W x D x H):	862 x 1325 x 480 mm
Weight:	110 kg
Power Source:	220 - 240V, 50/60Hz, 1.1A
Power Consumption:	Active: 100W
	Standby: 20W
Host Interface:	Ethernet 10/100 BASE-T, USB flash drive

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-bundled editions)
Operating System:	Windows 10 (Pro, Enterprise), Windows 11, Window Server 2016, Windows Server 2019
Processor:	CPU: Intel Core i3-2100 I or AMO Athlon II X2 340 (or better)
Memory:	4GB RAM (minimum)
Storage:	120GB free disk space (minimum)
Display Resolution:	1280 X 1024