

Direct to Garment Printer

RICOH Ri 1000

Fast, high-resolution, precision printing
using smart technology

RICOH
imagine. change.



RICOH
Ri 1000

1200
dpi Full Colour
plus white

OEKO-TEX®
INSPIRING CONFIDENCE
ECO PASSPORT
NEP 1804 Nissenken
Textile chemicals. Tested and verified.
www.oeko-tex.com/ecopassport



Next generation Direct to Garment printer built for speed, versatility and value

If you are looking for a stand-out Direct to Garment (DTG) printer with comprehensive functionality, the new RICOH Ri 1000 Direct to Garment printer gives you versatility, speed and precision combined with a range of textile products, dazzling colours and the ability to switch between platens at speed, thanks to the magnetic mechanism.

In other words, it enables you to produce new product ranges to wider markets on a variety of garments and textile products, making it the ideal option for personalised garment printing and print-on-demand services.

The perfect combination of smart technology, fast print speeds and high quality prints lets you achieve outstanding versatility and great value for money. Offering genuine business growth opportunities, the Ri 1000 is ideal for print service providers with mid-volume production needs who want to expand their businesses.

High performance and fast production as a standard

The Ri 1000 prints a full colour graphic in under 28 seconds* and – with an array of quick-change platens – you can switch rapidly between designs and garments. It is easy, intuitive and it keeps production flowing at speed.

Create impact with rich pin-sharp colours

The Ri 1000 supports CMYK plus white ink so, regardless of your fabric colour, you can create gorgeous designs in eye-popping colours by printing onto a white underbase as needed.

Additional substrates enable new product ranges

You can rely on outstanding productivity and performance, and additionally this DTG printer offers true versatility.

With a large printable area and the ability to print onto a variety of textile products, the Ri 1000 can personalise a wide range of items from T-shirts and bags to sweatshirts and polo shirts.

The Ri 1000 supports a range of fabric types with features adapting to light and heavy weight fabrics as well as the full spectrum of dark to light colourways.

This agile device can print onto 100% light coloured polyester as well as polycotton blends and pure cotton meaning you could even move into the promotional sports clothing arena. Your marketing options are huge.

Ready whenever you are

Designed for ease of use and minimal maintenance, the Ri 1000 can be ready to print within minutes of powering up. Customisable cleaning options allow you to keep on printing at high speeds for longer.



* Speed test performed using a 254 x 203 mm sized graphic on a light coloured garment and the speed wide print setting.

Enhanced image quality and superb performance deliver impressive and repeatable results



Interactive touchscreen with smart alerts

Automated maintenance sequences save on operator time and make the device easier to use and maintain, while intelligent auto clean functions and white ink circulation ensure the Ri 1000 is ready to print whenever you are.

Most of its routine maintenance tasks are run automatically. For those that aren't, the 7-inch touchscreen display includes an interactive operation guide which sends smart alerts, reminding the operator to perform manual maintenance tasks as required.

Solid and dependable performance

The Ri 1000 combines high specifications (with its 4 Ricoh print heads), robust product design, and advanced features such as temperature and humidity sensors and precise ink level monitoring. Create eye-catching garments again and again, thanks to the Ri 1000's optimal combination of Ricoh inkjet technology, genuine garment ink and RIP software.

Designed to integrate seamlessly, these innovations deliver speed, precision and long-lasting build quality for enduring and reliable results.



Sharp and vibrant images

Printing in high resolution up to 1200 x 1200 dpi, the Ri 1000 also deploys variable drop size technology to determine the right sized ink drops for your garment. The results are stunning high quality prints, with smooth gradations, dense solids and fine lines suitable for all kinds of fabric weaves.

Overhead viewer gives greater control

The Ri 1000 has an overhead viewer so you can monitor the printing process from beginning to end. Strategically sited, this window enables you to view your print job in real time.



Quick-change platens and a range of size options

Our quick-change platens are available in multiple styles and offer the flexibility to print in sizes up to 406 x 508 mm, enabling you to print so much more, from children's sizes to super wide designs, with minimum downtime.

Easy and precise table adjustments

Achieve precision printing thanks to the height adjustment feature which monitors the optimum distance between your substrate and the print head. By using the Ri 1000's optical sensor technology and accurate table height adjustment, you can switch between printing on thin and thick garments with ease.

RICOH Ri 1000

MAIN SPECIFICATIONS

General		Ink Set	
Printer Type:	Direct to Garment Printer	Ink Type:	Water-based pigment ink
Technology:	Ricoh Piezo-electric drop on demand inkjet systems	Ink Colours:	CMYK and White
Head Type:	RICOH print head	Ink Delivery System:	Cartridge type and pump system, white ink circulation system
Number of Print Heads:	4 print heads (8 channels)		
Resolution:	1200 x 1200 dpi		
Print Speed:	Speed Mode: 28 seconds Fine Mode: 48 seconds (254 x 203 mm, light garment)		
Printable Area:	Maximum 406 x 508 mm		
Fabric:	100% cotton, cotton blends with minimum 50% cotton, 100% light polyester		
Garment Type:	T-shirt, tote bag, sweatshirt, polo shirt, cushion cover and more		
Fabric Thickness:	Up to 30 mm		
Table Height Adjustment:	Manual		
Maintenance Features:	Temperature and humidity measuring, maintenance alerts, auto print head cleaning, precise ink monitoring		
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		
		Option	
		Small Platen:	266 x 330 mm
		Medium Platen (standard):	320 x 457 mm
		Large Platen:	406 x 508 mm
		AnaRIP System Requirements	
		Compatible File Format:	TIFF, PNG, JPG, PDF, BMP
		Operating System:	Windows 7, 8, 10, 24 bit
		CPU:	2.0 GHz or faster
		Memory:	2 GB RAM or more
		HDD:	2 GB or more
		Minimum Monitor Resolution:	1024 x 768 pixels or more

RICOH
imagine. change.

www.ricoh.sg

RICOH (SINGAPORE) PTE LTD

20W Pasir Panjang Road, #04-28 Mapletree Business City, Singapore 117439
Phone: +65 5474 0777 Fax: +65 6476 0777

All brand and/or product names are trademarks of their respective owners. Specifications and external appearance are subject to change without notice. The colour of the actual product may vary from the colour shown in the brochure. The images in this brochure are not real photographs and slight differences in detail might appear. Copyright © 2019 Ricoh Asia Pacific Pte Ltd. All rights reserved. This brochure, its contents and/or layout may not be modified and/or adapted, copied in part or in whole and/or incorporated into other works without the prior written permission of Ricoh Asia Pacific Pte Ltd.