Direct to Garment Printer

RICOH Ri 2000

Fast, easy to use and built for business

RICOH
imagine. change.

RICOH
Ri 2000

1200 dpi | Full colour plus white

Professional, high quality garment printing just got quicker and easier.

RICOH Ri 2000 brings Direct to Garment printing to the next level. Built according to Ricoh's world class standards of engineering and design, RICOH Ri 2000 delivers uncompromisingly high performance, innovative features, and unrivalled value.

High performance print heads

RICOH Ri 2000 is equipped with genuine Ricoh print heads designed for speed, precision, and durability. The result is gorgeous, high resolution print quality and minimised maintenance.

Dual carriages offering blazing fast print speed

Achieve top speeds with single-pass printing. One set of print heads lays down your white underbase followed immediately by the second set that deposits your colour layer.

Interactive touchscreen with smart alerts

Industry-leading 7" touchscreen boasts a vibrant, full colour display with intuitive controls and a built-in Interactive Operation Guide that provides smart alerts and maintenance reminders.

Head cleaning jig

Goodbye, manual head cleans. Instead of messing with swabs and wipes, simply attach the cleaning jig, add cleaning solution, and let the printer do the rest of the work for you.

Quick-change platens

Easily swap among different textile products by changing magnetic platens. What's more, print up to an extra-large with a maximum print size of 406 x 498 mm. Enjoy maximum versatility with virtually no downtime between setups.

Fully automatic table height adjustment

Easily switch between substrates of varying thickness up to 30 mm. Automatic table height adjustment speeds up your workflow and sets the right table height for optimum image quality.
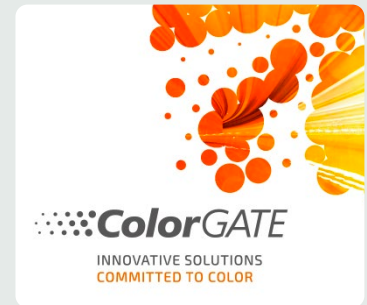
Productive, versatile and delivering reliable results every time

With incredibly fast print speeds, easy operation, simplified maintenance, and advanced software solutions, RICOH Ri 2000 saves time and money. Ramp up your production and spend more time growing your revenue.

Grow your business

Ricoh's cutting-edge ColorGATE solution empowers you to take your print room to the next level. ColorGATE RIP software allows you to automate your workflow and deliver superior products with automated quality control and consistent colours across your network of printers. This modular solution enables you to meet the high standards of corporate clients.

ColorGATE
INNOVATIVE SOLUTIONS
COMMITTED TO COLOR

Intelligent / Automated system

Print more and worry less. Thanks to automated maintenance systems and advanced system monitoring, RICOH Ri 2000 stays in an active state where it is walk-up ready. Produce a perfect print whenever you are ready to use the machine.

Impeccable print quality

From the subtle glow of flesh tones to bold, dramatic hues, RICOH Ri 2000 prints in virtually unlimited colour and handles even the most complex colour gradations with ease. Capture fine photographic details and achieve crisp, high resolution prints up to 1,200 x 1,200 dpi.

T-shirts and beyond

Expand your product offerings and print virtually any digital image on t-shirts, face masks, hoodies, tote bags, and more. Your only limit is your imagination.

SHOES PLATEN

SLEEVE PLATEN

HAT PLATEN

RICOH Ri 2000 Direct to Garment printer

MAIN SPECIFICATIONS

General

Printer Type:	Direct to Garment Printer
Technology:	Ricoh piezo-electric drop on demand inkjet system
Head Type:	RICOH print head
Number of Print Heads:	8 print heads (16 channels)
Resolution:	1,200 x 1,200 dpi
Print Speed 4C:	Speed Mode: 33 seconds
	Standard Mode: 48 seconds (254 x 203 mm, light garment)
Print Speed 5C:	Speed Mode: 69 seconds
	Standard Mode: 83 seconds (254 x 203 mm, dark garment)
Printable Area:	Maximum 406 mm x 498 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:	Automatic
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):	864 x 1,660 x 520 mm
Weight:	140 kg
Power Source:	220 - 240V, 50/60Hz, 1.0A
Power Consumption:	Active: 120W
	Standby: 26W
Host Interface:	Ethernet 10/100 BASE-T
	USB flash drive

Ink set

Ink Type:	Water-based pigment ink
Ink Colours:	CMYK and white
Ink Size:	200ml and 500ml
Ink Delivery System:	Cartridge type and pump system, white ink circulation system

Option

	W x D x H
Small Platen:	266 x 330 x 33 mm
Medium Platen (incl.):	320 x 457 x 33 mm
Large Platen:	406 x 498 x 33 mm
Shoes platen:	375 x 355 x 30 mm
Sleeve platen:	204 x 450 x 51 mm
Hat platen:	240 x 357 x 91 mm

System requirements

Operating System:	Windows 8.1 or later (64-Bit)
CPU:	Intel Core i5-7500 or newer
Memory:	8 GB RAM or more
Free disk space:	120 GB or more
Bundle RIP:	ColorGATE PS20
Display Resolution:	1,920 x 1,080 pixels
Compatible File Format:	BMP, JPEG, TIFF, PNG, PSB, PSD, PDF, PS, EPS (Some formats may only be available in optional software packages)
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