Ricoh GX3000S/GX3000SF/GX3050SFN

Specifications

Engine Specifications

Configuration	Desktop multifunctional printer
Technology	Piezo inkjet system
Printing Speed*	29 ppm in B&W and full-color
Laser Quality Printing**	18 ppm in B&W and full-color
First Print Speed	8 seconds or less (B&W or full-color)
Print Resolution	True 1200 x 1200 dpi, 600 x 600 dpi, 600 x 300 dpi, 300 x 300 dpi (Max. 3600 x 1200 dpi equivalent)
Paper Capacity	250-Sheet Standard Paper Tray 500-Sheet Paper Feed Unit 100-Sheet Multi-Bypass Tray
Max. Paper Capacity	850 sheets
Output Capacity	150 sheets (face up) ARDF: 30 sheets
Paper Sizes	Standard tray: Plain Paper (Letter, Legal, Half Letter, Executive, F, Foolscap, Folio & Custom Size: 3.55" x 5.5" – 8.5" x 14"), Envelopes (C5, C6, DL, Com10, Monarch), Postcards
	Paper Feed Unit: Plain Paper (Letter, Legal, Half Letter, Executive, F, Foolscap, Folio & Custom Size: 5.83" x 8.27" – 8.5" x 14")
	Multi-Bypass: Plain Paper (Letter, Legal, Half Letter, Executive, F, Foolscap, Folio & Custom Size: 2.2" x 8.5" – 5" x 51"), Envelopes (C5, C6, DL, Com10, Monarch)
	Duplex: Letter, Half Letter, Executive, 8.5" x 5.5" – 8.5" x 11"
Paper Weight	Standard Tray: 16 – 42 lb. Bond (60 – 163 g/m²)
	500-Sheet PFU: 16 – 28 lb. Bond (60 – 105 g/m²)
	Multi-Bypass: 16 – 68 lb. Bond (60 – 255 g/m²) (140 lb. Index equivalent)
	ARDF: 13 – 28 lb. Bond (50 – 110 g/m²)
Acceptable Paper Types	Plain Paper, Inkjet Plain Paper, Recycled Paper, Thick Paper, Glossy Paper for Laser, Inkjet OHP Sheet, Color Paper, Envelopes, Postcards (via Multi-Bypass Tray)
Auto Duplex	Standard
Dimensions (WxDxH)	GX3000S: 17.1" x 19.3" x 14.4" (436 x 490.5 x 366 mm) (Main Units only)
	GX3000SF/GX3050SFN: 17.1" x 19.3" x 16.9" (436 x 490.5 x 431 mm)
Weight	GX3000S: 45.2 lbs. (20.5 kg) GX3000SF: 51.8 lbs. (23.5 kg) GX3050SFN: 52.2 lbs. (23.7 kg)
Warm-Up Time	35 seconds or less
Power Consumption	GX3000S: 50W or less GX3000SF: 60W or less GX3050SFN: 65W or less
Energy Saver Mode	GX3000S: 10.2W or less GX3000SF: 10.3W or less GX3050SFN: 10.8W or less

Power Source	100 – 120 V, 50/60Hz
Safety Regulations	UL/CSA60950, FCC Class B, Energy Star compliant

*Speed depends on type of document and print mode selected. Duplex printing speed is approximately 75% of simplex speed.
**Laser Quality Printing speed is measured with Ricoh original test pattern based on standard driver setting.

Controller Specifications

CPU	TMP R4956CXBG-400 @ 400MHz
Memory	GX3000S: 32 MB RAM standard/maximum
	GX3000SF: 96 MB RAM standard/maximum
	GX3050SFN: 96 MB RAM standard/maximum
Printer Languages	GX3000S: Ricoh RPCS Raster GX3000SF: Ricoh RPCS Raster GX3050SFN: Ricoh RPCS Raster, PCL 5c/6
Fonts	58 PCL fonts standard (GX3050SFN only)
Standard Interfaces	GX3000S: USB 2.0 High Speed GX3000SF: USB 2.0 High Speed GX3050SFN: USB 2.0 High Speed, Ethernet 10/100Base-TX
Optional Interface	Ethernet 10/100Base-TX (for GX3000S/GX3000SF)
Network Protocols	TCP/IP, SNMP, IPP, LPR, SMTP, POP3, HTTP 1.1, LDAP v2
Operating Systems*	Windows® 98SE/Me/NT4.0/2000/XP 32-bit/Server 2003/Vista® 32-bit/Mac OS 10.3.3 or higher***
Bundled Software Utilities	SmartDeviceMonitor for Admin, SmartDeviceMonitor for Client, DeskTopBinder V2 Lite, Device Setting Utility**, TWAIN Driver, PC Fax Driver**, Page Manager

*UNIX/Citrix environments are not supported.
**Available for GX3000SF and GX3050SFN only.
***Mac OS X Server is not supported. IntelMac, Mac OS 10.4.5 or later is supported. No "Level Color" mode for Mac.

Scanner Specifications

Scanning Mode	Full-color, B&W, Grayscale, TWAIN Scanning
Scanning Resolution	Max. 1200 x 1200 dpi
Scan-To Functions	Scan-to-Email w/LDAP, Scan-to-FTP (requires Ethernet interface)
Scan Area	Via Flatbed: Up to 8.5" x 11.7" Via ARDF (GX3000SF/GX3050SFN only): Up to 8.5" x 14" (simplex and duplex)
Utilities and Drivers	TWAIN driver, Web management utility

Copier Specifications

Copy Speed*	Max. 29 pages-per-minute in B&W and color (simplex)
First Copy Speed*	13 seconds or less
Multiple Copies	Up to 99
Default Scan Resolution	300 x 300 dpi
Zoom	25% – 400% in 1% increments
Original Size	Flatbed: 8.5" x 11" ARDF: 8.5" x 14"
Duplex	Standard

*Measured with Ricoh test charts.

Facsimile Specifications (GX3000SF/GX3050SFN only)

Compatibility	Super G3 transceiver
Modem Speed	33.6 Kbps with Auto Fallback to 2400 bps
Transmission Speed	3.0 seconds
Compression Types	MH, MR, MMR, JBIG
Resolutions	200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi
Original Size	Letter, Legal (with ARDF), A4
One-Touch Dials	30 locations (15 x 2)
Speed Dials	90
Broadcasting	Up to 130 destinations
Auto Redial	Up to 10 times at intervals of 2-99 minutes
Auto Answer	Selectable between 1 – 16 rings
Memory Transmission	Available/Pages stored will differ based on originals
Internet Fax	T.37 Simple Mode supported
PC Fax	Transmission only

Options and Supplies

Network Interface Type GX4 (For GX3000S/GX3000SF)	Order# 405569 Provides Ethernet 10/100Base-TX interface for shared use
Paper Feed Unit TY1020	Order# 405568 Paper Capacity: 500 sheets Paper Size: Letter, Legal, Half Letter, Executive, F, Foolscap, Folio & Custom Size: 5.83" x 8.27" – 8.5" x 14" Paper Weight: 16 – 28 lb. Bond (60 –105 g/m²)
Multi-Bypass Tray BY1000	Order# 405529 Paper Capacity: 100 sheets Paper Size: Letter, Legal, Half Letter, Executive, F, Foolscap, Folio & Custom Size: 2.2" x 8.5" – 5" x 51", Envelopes (C5, C6, DL, Com10, Monarch) Paper Weight: 16 – 68 lb. Bond (60 – 255 g/m²), (140 lb. Index)
Consumables*	Yellow Cartridge (Regular Yield**): 1,000 pages @ 5% coverage Magenta Cartridge (Regular Yield**): 1,000 pages @ 5% coverage Cyan Cartridge (Regular Yield**): 1,000 pages @ 5% coverage Black Cartridge (Regular Yield**): 1,500 pages @ 5% coverage Ink Collector Unit (for GX3000 Series): Order# 405660

*All models ship with starter ink cartridges containing sufficient supply for a limited number of prints @ 5% coverage. Total print volume depends on type of document and print mode selected.

**Yields are approximate and are based on Standard (Speed Priority) mode.

The drivers, utilities, and other software for Windows 98/Me 4.0 with those models will be supported until March 31, 2008.

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

Ricoh GX3000S/GX3000SF/GX3050SFN
Desktop Color MFP
Vibrant Color in a Flexible Design

RICOH

versatile

multifunctional

productive

Ricoh GX3000S/GX3000SF/GX3050SFN

PowerfulVersatileStreamlinedQuality

Innovative Technology for Multifunctional Performance. The speed of laser. The convenience of inkjet. All-in-one capabilities. And the vivid business color of GelSprinter™ technology. Now you can have it all with the RICOH® GX3000S/GX3000SF/ GX3050SFN desktop color MFPs. These three incredibly cost-effective systems bring all the advantages of full-color performance to small offices and workgroups — in a flexible design that boosts your personal productivity.

Powerful Desktop Performance

Make your work life easier when you replace up to four separate devices. These do-everything systems integrate color copying, printing and scanning with faxing* and embedded network connectivity.**

- Finish critical jobs quickly. Print or copy up to 29 pages-per-minute for color or black & white documents up to 8.5" x 14". Get your first color print in less than 8.0 seconds, and your first color copy in less than 13 seconds.
- Produce bold, attractive color graphics on plain paper. All three models deliver 1200 x 1200 dpi, 2-bit resolution, up to an equivalent of 3600 x 1200 dpi.
- Expect crisper images on every page with 2 picoliter viscous-ink droplets that minimize spreading and eliminate bleed-through.
- Highlight color pages without smearing. Pigment-based inks are waterproof and sun-resistant, so they are ideal for real estate marketing materials, student handouts, construction plans and many other documents.
- Digitize hardcopy with full-color scanning up to 1200 dpi. You can also deliver documents electronically via Scan-to-Email or Scan-to-FTP (requires Ethernet).
- Transmit fax documents rapidly with a Super G3 modem*.
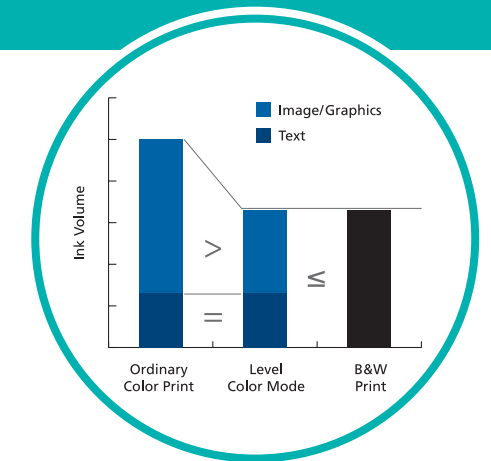
Reduce Total Cost of Ownership

Beyond their overall affordability, these versatile systems help budget-conscious users keep total cost of ownership as low as possible.

- Cut color costs dramatically with Level Color Mode, which reduces ink density up to 65% for graphics and images without affecting the readability of text. Best of all, this mode makes your color cost-per-page the same or less than black & white.
- Minimize supplies costs. These systems deliver outstanding color quality on normal copy paper. Viscous-ink cartridges offer higher yields than other dye-based ink cartridges to reduce cost-per-page. And the printhead never needs to be replaced.

Designed for Convenience

Count on these reliable color systems for the user-friendly features you need to keep workflow moving.

- Use one system to create all your color documents. The optional 100-Sheet Multi-Bypass Tray handles a wide range of paper stocks and sizes.
- Resolve errors proactively via remote monitoring with the @Remote utility.
- Reduce downtime with e-mail notices that are sent to administrators when supplies are running low.
- Protect confidential documents from unauthorized copying or scanning with an embedded masking pattern.

*Not available on GX3000S
**Optional on GX3000S and GX3000SF

Use Level Color Mode to print in color for the same or less than the cost-per-page for black & white.

Handle any task — including full-color scanning and faxing* — with a single system.

Your Environmental Partner

Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity, including:

- Power-Saving Sleep Mode
- Duplex and Combine Copy Modes
- Minimal Ozone Emissions

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