

GELJET® A3 Printer

RICOH SG 7100DN

Printer Copier Facsimile Scanner



RICOH
imagine. change.

SG 7100DN

29
ppm

monochrome
and full-color

High-quality, affordable color

Do you want your work to be noticed?

The RICOH® SG 7100DN delivers compelling, eye-catching color on larger sizes up to 11" x 17" while using less power, less space and less of your budget. Our innovative, proprietary GELJET® viscous ink dries quickly for outstanding, long-lasting color on a wide range of media, from envelopes to banners. This impressive printer combines the affordable convenience of inkjet technology with the speed, reliability and advanced capabilities of a color laser printer.

Put boldness on display

See the difference quality ink can make. Ricoh's exclusive, GELJET® pigment-based ink produces crisp text and concise lines for impressive color with up to 3600 x 1200 dpi resolution. Because the ink dries faster than most competitive options, you can produce two-sided documents, including postcards and handouts, with less bleed through. Plus, it's water-resistant, so envelopes, tickets and other documents can withstand harsher conditions and handling without fading or smearing. Registration alignment is seamless every time with electrostatic technology that keeps paper firmly in place. Use its enhanced Economy Color Mode for color output at a cost-per-page comparable to black-and-white printing while preserving textual density for crisp, clear, legible output every time.

Handle more tasks, meet more deadlines

The Ricoh SG 7100DN is packed with value-added features to improve workflow and productivity. It offers fast first print speeds and delivers outstanding color at up to 29 pages-per-minute. Standard duplex printing uses less paper, helping to reduce operating costs. The built-in 250-Sheet Paper Tray accepts media up to 11" x 17" and up to 90 lb. Index for impressive flexibility compared to most inkjet printers. Multiple media options include a 100-Sheet Multi-Bypass Tray for postcards, direct mail and more. Plus, the Bypass Tray accepts larger stocks up to 51" long and 140 lb. Index for banners and signs. Add an optional 250-Sheet Paper Feed Unit to increase media capacity to 600 sheets. Use standard or optional trays to print envelopes without compromising speed or efficiency.

Discover the value of convenience

The Ricoh SG 7100DN keeps you moving forward. The lightweight, all-front-access design offers easy access in almost any environment, including on desks, under counters and inside cabinets. Program jobs, check print status, clear misfeeds and replace ink cartridges with ease in moments without moving the device. We've redesigned the printer so it's quieter wherever it's used. Plus, it comes standard with a USB 2.0 interface for direct connection for Macintosh and Windows users, and can be networked for workgroups and classrooms with the Ethernet hardwired interface.

Main Unit Specifications

SG 7100DN	Part # 405809
Configuration	Desktop
Technology	On-demand Piezo Inkjet System
Ink Type	Pigment-based (All four colors)
Control Panel	16 characters x 2-line LCD
Resolution	True 600 x 300 dpi (2 bit), 600 x 600 dpi, 1200 x 1200 dpi Maximum: 3600 x 1200 dpi equivalent
Print Speed (Letter)	High Speed Mode (300 x 150 dpi): Black & White: 29 pages-per-minute; Full-Color: 29 pages-per-minute Speed Priority Mode (600 x 300 dpi): Black & White: 10.5 pages-per-minute; Full-Color: 8.5 pages-per-minute
Warm-Up Time	35 seconds or less
First Print Speed	Black & White: 6.0 seconds or less; Full-Color: 8.5 seconds or less
Standard Paper Supply	250 sheets
Optional Paper Supply	100-Sheet Multi-Bypass Tray; 250-Sheet Paper Feed Unit
Maximum Paper Capacity	600 sheets
Paper Sizes	Standard Tray: Letter, Legal, Ledger, EXE, Half Letter, A3, A4, A5, A6, Foolscape, Folio, F, 8kai, 16kai; Envelopes: C5, C6, DL, COM10, Monarch
Paper Weight	Standard Tray: 16 – 42 lb. Bond/90 lb. Index (60 – 163 g/m ²)
Output Capacity	100 sheets (Face up)
Automatic Duplexing	Standard (Approx. 75% of rated simplex speed)
Acceptable Paper Types	Plain Paper, Inkjet Plain Paper*, Glossy Paper*, Post Card, Inkjet Post Card, Envelope*, Thick Paper**

*Simplex mode only. **42-68lb Bond (Opt. Multi-Bypass Tray only)

Dimensions (WxDxH)	20.8" x 20.0" x 8.3" (529 mm x 509 mm x 212.5 mm)
Weight	32.56 lb. (14.8 kg)
Power Requirements	100 – 120V, 50/60Hz
Power Consumption	26.9W or less (max.)
Energy Saver Mode	1.1W or less
Safety Regulations	U.S.: UL60950-1, FCC Part 15 Subpart B; Canada: CSA C22.2 No 60950-1 (c-UL), IC ES-003

Energy Star

Print Controller Specifications

CPU	SH2A 192 MHz
Memory	32 MB RAM Standard/Maximum
Printer Languages/Drivers	RPCS Raster
Fonts	45 Fonts, 13 International Fonts
Standard Interfaces	USB 2.0, Ethernet 10/100Base-TX
Network Protocols	TCP/IP
Operating Systems	Windows XP/Server 2003/ Vista/Server 2008/7/Server 2012/8; Mac OS X v. 10.5 or later
Software Utilities	SmartDeviceMonitor*, @Remote

*Download from www.ricoh-usa.com

Hardware Options

Paper Feed Unit TK1190	Part # 405812
Capacity	250 sheets
Acceptable Paper Size	Letter, Legal, Ledger, B5, A3, A4, A5, EXE, Half Letter, F, Foolscape, Folio, 8kai, 16kai Envelopes: C5, C6, DL, COM10, Monarch
Acceptable Paper Weight	16 – 28 lb. Bond (60 – 105 g/m ²)
Dimensions (WxDxH)	20.8" x 14.2" x 3.9" (529 x 360 x 99.5 mm)
Weight	13.2 lbs. (6kg)
Multi-Bypass Tray BY1050	Part # 405813
Capacity	100 sheets
Acceptable Paper Size	Letter (8.5" x 11"), Legal (8.5" x 14"), 11" x 17", 12" x 18", EXE (7.25" x 10.5"), Half Letter (5.5" x 8.5"), A3 (16.5" x 11.7"), A4 (8.3" x 11.7"), A5 (5.8" x 8.3"), A6 (4.2" x 5.8"), F, Foolscape, Folio, 8kai, 16kai Custom Width: 2.1" – 12.99", Length: 5.0" – 51" Envelopes: C5, C6, DL, COM10, Monarch
Acceptable Paper Weight	13 – 67 lb. Bond/140 lb. Index Weight (60 – 256 g/m ²)
Dimensions (WxDxH)	19.3" x 8.6" x 8.6" (490 x 220 x 220 mm)
Weight	6.6 lbs. (3kg)

Consumables & Yields

Black Print Cartridge	2,500 prints*	Part # 405761
Cyan Print Cartridge	2,200 prints*	Part # 405762
Magenta Print Cartridge	2,200 prints*	Part # 405763
Yellow Print Cartridge	2,200 prints*	Part # 405764
Ink Collector Unit	27,000 prints*	Part # 405783

*Declared yield values based on ISO/IEC 24711 Inkjet Test Process. Actual yields may vary based on types of images printed and other factors.

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

Warranty

The Ricoh SG 7100DN is under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.

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