

SP 4310N MICR

MICR LASER PRINTER

- Up to 37 Pages per Minute
- 1,600-Page Maximum Input Capacity
- Under 7-Seconds First Page Out
- Fast 466 MHz Processor
- Optional Duplexing
- FULL MICR Toner Cartridge Included



EXPAND WITH YOUR NEEDS

At 37-ppm and with resolutions up to 1200 x 600 dpi, the SP 4310N MICR has the power of a workgroup engine in a desktop design. The SP 4310N MICR includes specifically designed MICR fonts and boasts superior toner adhesion ensuring your MICR output meets the most rigorous specifications. The included All-in-One MICR toner cartridge has a full 15,000 page yield and has been engineered to provide the highest quality MICR output.

- **Expandable:** Increase memory in step with expanding workgroups. Add more RAM to handle larger files and multiple print jobs with maximum efficiency. Install the optional 80 GB Hard Disk Drive to enable secure local document storage and print-on-demand capabilities for up to 9,000 pages. In addition to Adobe® PostScript®3™ and PCL Windows, the SP 4310N MICR provides options for genuine IPDS.
- **Capacity:** The SP 4310N grows with you. Install up to two additional 500-sheet Paper Feed Units to minimize reloading. Automatic Duplexing for productive two-sided printing and the 60-piece Envelope Feeder to improve mailing applications are also available.

CONTROL AND ACCESS

The SP 4310N MICR supports the security tools you need to manage access and safeguard confidential data sent to the printer.

- **Secure:** Protect print jobs and passwords with standard 256-bit SSL data encryption to prevent theft, interception, or falsification.
- **Access:** Activate the User Code feature to restrict device access, set print limits, and track usage for up to 200 individual users.
- **Compliance:** Help ensure compliance with client/patient privacy regulations. The 80 GB Hard Disk Drive option provides a confidential Locked Print feature plus secure local document storage with advanced data encryption and overwrite protection.
- **Service:** Enjoy the confidence that comes from knowing your decision to invest in the SP 4310N MICR is backed by Rosetta Technologies 7x24 phone support and your local authorized Ricoh dealership committed to meeting your business objectives for performance, cost control, and security.

AFFORDABLE AND USER-FRIENDLY

The SP 4310N MICR combines simplicity in design and operability with affordable, energy-efficient MICR laser printing.

- **Interactive:** Maximize user friendliness with the informative 4-line LCD panel. View printer status at a glance, get simple maintenance guidance, and easily select stored documents for reprinting.
- **Affordable:** Reduce your total cost of ownership further with an energy efficient design. The Energy Star compliant SP 4310N MICR offers an innovative ECO Night Sensor that automatically turns the printer off after a user-specified period of room darkness.
- **Control:** Manage job queues and network settings, view supply status, and initiate proactive maintenance right from your desktop using the Web Image Monitor utility.



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CONFIGURE BASED ON YOUR NEEDS

The SP 4310N MICR printer is highly configurable whether you need WiFi connectivity, added storage, locked trays, or an IPDS model. Rosetta Technologies can also provide custom signatures and logos created specifically for the SP 4310N MICR printer.

PRINTER SPECIFICATIONS

CONFIGURATION	Desktop	HARD DISK DRIVE	OPTIONAL: 80GB
TECHNOLOGY	Laser beam scanning electrophotographic printing with dual-component toner development	OPERATING SYSTEMS	Windows® XP, Vista, 7, Server 2003, Server 2003 R2, Server 2008, Server 2008 R2; Netware®3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5; Macintosh®OS™8.6 - 9.2x, OS X v.10.2+, OS X 10.1 or Later; Various UNIX/Linux OS
MAXIMUM RESOLUTION	1200x600 dpi, 600x600 dpi, 300x300 dpi	POWER REQUIREMENTS	120V, 60Hz
DIMENSIONS (WxDxH)	15.28" x 17.72" x 13.58" (388 x 450 x 345mm)	POWER CONSUMPTION	Maximum: 960W or less Energy Saver: 3.9W or less
WEIGHT	34.1 lbs (15.5 kg) Main Unit Only	CONNECTIVITY	10/100Base-TX Ethernet, USB 2.0 Host (Type A), USB 2.0 Hi Speed (Type B) OPTIONAL: IEEE 802.11a/b/g Wireless LAN, Gigabit Ethernet (1000Base-T), IEEE 1284/ECP Parallel
PRINTING SPEED	37 pages per minute (Letter)	PAGE DESCRIPTION LANGUAGES	PCL5e, PCL6, XPS, Adobe PostScript3 + PDF Direct Print OPTIONAL: Genuine IPDS
DUPLEX	Optional	NETWORK PROTOCOLS	TCP/IP, AppleTalk OPTIONAL: IPX/SPX
FIRST PAGE TO PRINT	< 6.9 Seconds	RESIDENT FONTS	PCL: 45 fonts + 13 international fonts, PostScript 3: 136 Fonts OPTIONAL: IPDS : 108 fonts
STANDARD PRINT UTILITIES	Web Image Monitor, Printer Utility for Mac, Font Manager 2000, @Remote, Embedded Software Architecture (ESA™) ready OPTIONAL: Web Smart Device Monitor, SmartDeviceMonitor for Admin, DeskTopBinder Lite	RESIDENT MICR FONTS	E-13B, CMC7, Secure Amount, Secure Payee
STANDARD INPUT CAPACITY	TRAY 1: 500 Sheets BYPASS TRAY: 100 Sheets	SECURITY FEATURES	200 User Codes Features 256-bit SSL Print Job Data Encryption Address Book & Password Encryption, IP Address Filtering, IPsec Communications, Network Protocol Management, SNMP v3 Authentication, User Lockout/Auto Logout OPTIONAL: Administrator Authentication (5 levels), Features (with 80 GB HDD option) User Authentication (3 types), Locked Print, HDD Data Encryption Unit + DataOverwrite Security System (DOSS) - (bundled with HDD option), WPA (Wi-Fi Protect Access) -(w/IEEE 802.11a/g option) DD DataOverwriteSecurity System (DOSS)
OPTIONAL INPUT CAPACITY	PAPER FEED UNIT: 500 Sheets x up to 2	MICR TONER CARTRIDGE YIELD	15,000 Pages @ 5% Coverage
MAXIMUM INPUT CAPACITY	1,600 Sheets	MAINTENANCE KIT LIFE	90,000 Pages
INPUT PAPER SIZES	STANDARD TRAY: 5.5" x 5.5" – 8.5" x 14" BYPASS TRAY: 2.52" x 5.5" – 8.5"x17" OPTIONAL TRAYS: 5.5" x 6.3" – 8.5" x 14" WHEN DUPLEXING: 5.5" x 8.5" – 8.5" x 14"	MICR TONER CARTRIDGE IS INCLUDED.	
PAPER TYPES	STANDARD/OPTIONAL TRAYS: Plain Paper, Recycled Paper BYPASS TRAY: Plain Paper, Transparency, Recycled Paper, Envelopes ENVELOPE FEEDER: Envelopes		
PAPER WEIGHTS	STANDARD/OPTIONAL/BYPASS TRAYS: 20–28 lbs Bond OPTIONAL DUPLEX TRAY: 20–28 lbs Bond		
STANDARD OUTPUT CAPACITY	250 Sheets, Face Down		
CPU	RM7035C @ 466 MHz		
MEMORY	256 MB RAM standard, 512 MB RAM maximum		

MICR QUALITY GUARANTEE - Guaranteed ANSI, ABA, and Canadian Payments Association Acceptance Standards If Using Rosetta Technologies' Approved Check Stock, Supplies, MICR Fonts & Authorized Service.

SUPPORT: 24x7 Phone Support

WARRANTY: Advance Exchange

WARRANTY UPGRADES: Express Exchange, 5x9 NBD

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