RICOH
imagine. change.

Multifunctional Products and Printers for Healthcare

Process Optimized.
Healthcare Simplified.

Healthcare professionals seek the best possible outcomes. With Ricoh's wide range of versatile, full-color and black-and-white systems, your organization can streamline document-related processes and enhance efficiencies to meet your unique demands, reduce costs and improve quality of care.

Convenience and control customized for healthcare

Every healthcare organization faces similar market influences — including rising healthcare costs, new legislation, security risks and provider consolidation — that can compromise its ability to provide quality care. That's why RICOH® engineered a suite of versatile multifunctional products (MFPs) and printers that can be tailored to meet the specialized requirements of any healthcare environment.

Take advantage of innovative features and easy-to-use capabilities to customize workflow and improve efficiencies in your organization.

Streamline workflow for optimal performance

SECURE SPECIALTY PAPER STOCKS

For every patient, there are dozens of forms. Protect confidential information with Ricoh's robust Tray Lock Solution. It secures specialized media like prescription paper, wristband stock and other expensive or sensitive media with optional locking paper trays.

EXPAND PRINTING FOR NARROW MEDIA

Take advantage of specially sized media handling options to expedite workflow and meet healthcare's unique print output demands more effectively. Load media as narrow as 3.25" in paper trays for fast, cost-efficient printing of ID wristbands.
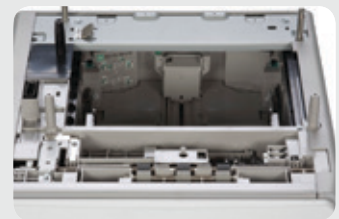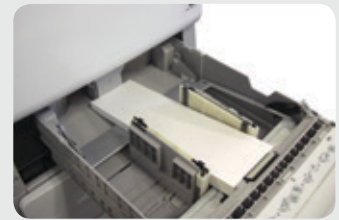

FAST, PORTABLE CONFIGURATIONS

In healthcare, every second counts — so does every dollar. Maximize resources and ensure that your print devices are up and running when you need them most. With an SD Card and the Portable Print Configuration module users can transfer system settings from one device to another within minutes.

SMOOTH, UNINTERRUPTED PRINTING

Take advantage of multiple paper trays and paper types, including labels, for maximum uptime. Innovative Teflon-coated paper trays easily accommodate specialty papers and minimize misfeeds for uninterrupted print runs.

SUPPORT HIPAA COMPLIANCE

Locked Print* technology ensures documents are printed only after user authentication at the printer. The Ricoh Hard Drive Encryption Option* encrypts documents, data, address books, passwords and more, to ensure integrity for valuable information. Plus, the DataOverwriteSecurity System* (DOSS) helps protect confidential information by automatically overwriting latent digital images on the hard drive.

*Requires installation of a Hard Disk Drive

Multifunctional Products and Printers for Healthcare

From patient care to patient records — healthcare is personal. That's why Ricoh designed its suite of innovative devices with everyday convenience and long-lasting security to accommodate specific healthcare requirements. In addition, the versatile and robust devices come equipped with a host of other features that champion Ricoh's storied legacy of innovation, service and support. Choose the system that best fits the unique demands of your organization.

SP 5210SFHW/SP 5210SFHT
- B/W Printer/Copier/Fax and Full-Color Scanner
- 52 ppm
- 1200 x 600 dpi
- 8.5" x 14" max. paper size
- 2,300 sheets max. paper capacity

SP 5210DNHW/SP 5210DNHT
- B/W Laser Printer
- 52 ppm
- 1200 x 600 dpi
- 8.5" x 14" max. paper size
- 2,850 sheets max. paper capacity

SP C431DNHW/SP C431DNHT
- Color Laser Printer
- 42 ppm
- 1200 x 1200 dpi
- 8.5" x 14" max. paper size
- 2,300 sheets max. paper capacity

SP 5200SHW/SP 5200SHT
- B/W Printer/Copier and Full-Color Scanner
- 47 ppm
- 1200 x 600 dpi
- 8.5" x 14" max. paper size
- 2,300 sheets max. paper capacity
- Optional faxing

MP C300HW/MP C300HT
- Color Print/Copier/Fax and Full-Color Scanner
- 32 ppm
- 1200 x 1200 dpi
- 8.5" x 14" max. paper size
- 2,300 sheets max. paper capacity
- Optional faxing

Ricoh Printers/MFPs for Healthcare

	SP 5210DNHW	SP 5210DNHT	SP 5200SHW	SP 5200SHT	SP 5210SFHW	SP 5210SFHT	SP C431DNHW	SP C431DNHT	MP C300HW	MP C300HT
Tray Lock*	■	■	■	■	■	■				
Wristband Printing (as narrow as 3.25")	■		■		■		■		■	
Portable Print Configuration	■	■					■	■		
Teflon Coating**	■	■	■	■	■	■	■	■	■	■
Locked Print	■	■	■	■	■	■	■	■	■	■
DataOverwrite Security System	■	■	■	■	■	■	■†	■†	■	■
Hard Disk Drive Encryption	■	■	■	■	■	■	■†	■†	■	■

*Available only with an optional Paper Feed Unit.
**Available on all mainframes as well as optional Paper Feed Units. Some mainframes are Teflon Coated only, others have Teflon Coating and the Wristband Printing insert.
†Optional

SP 5200SHW/SP 5200SHT/SP 5210SFHW/SP 5210SFHT

Output Speed (Copy/Print, LTR)	SP 5200SHW/SP 5200SHT: 47-ppm SP 5210SFHW/SP 5210SFHT: 52-ppm
Multifunction Capability:	SP 5200SHW/SP 5200SHT: Print, Copy, Scan SP 5210SFHW/SP 5210SFHT: Print, Copy, Scan, Fax
First Print Speed:	7.5 seconds or less
Warm-up Time:	20 seconds or less
Document Feeding:	50-Sheet ARDF
Original Size:	5.5" x 8.5" to 8.5" x 14"
Memory:	1 GB RAM (standard)
Hard Disk Drive*:	128 GB (standard)

*Includes HDD Encryption Unit andOverwrite (DOSS)

Scan Capabilities:	Scan-to-E-mail, Scan-to-Folder (SMB/FTP/NCP), Scan-to-URL, Scan-to-Media (USB/SD Card), TWAIN Scan
Fax Capabilities*:	Super G3 Fax, LAN Fax, Internet Fax (T.37), IP Fax (T.38)

*Standard on SP 5210SFHW/SP 5210SFHT, Optional on SP 5200SHW/SP 5200SHT

Standard Interfaces:	10/100Base-TX Ethernet, USB 2.0 Hi Speed, Dual USB 2.0 Host Interfaces, Front USB 2.0/SD Card Slot Interface (for Scan To/Print From portable media)
Printer Languages:	PCL 5e, PCL 6, XPS, Adobe PostScript 3 + PDF Direct Print, Genuine IPDS (optional)
Supported Environments:	Windows XP, Vista, 7, Server 2003/2003R2, Server 2008/2008R2, Mac OS X v.10.2+, Novell NetWare v 6.5+, IBM AIX, SAP R/3, Citrix Presentation Server, UNIX/Linux (Ricoh Filter Phase 11)
Standard Paper Supply:	SP 5200SHW/SP 5210SFHW: 250-sheet Tray + 100-sheet Bypass SP 5200SHT/SP 5210SFHT: 550-sheet Tray + 100-sheet Bypass
Maximum Paper Capacity:	SP 5200SHW/SP 5210SFHW: 2,000 sheets SP 5200SHT/SP 5210SFHT: 2,300 sheets
Automatic Duplexing:	Standard, up to 8.5" x 14"
Output Capacity:	SP 5200SHW/SP 5200SHT: 500 sheets SP 5210SFHW/SP 5210SFHT: 600 sheets
Supported Paper Sizes:	SP 5200SHW/SP 5210SFHW Standard Tray: Width: 3.25" to 8.25", Length: 5.52" to 14" SP 5200SHT/SP 5210SFHT Standard Tray: Width: 3.86" to 8.5", Length: 5.52" to 14"
Supported Paper Weight:	Std. & Optional Tray(s): 14 – 59 lb. Bond/ 120 lb. Index (52 – 220 g/m^2) When Duplexing: 16 – 44 lb. Bond/90 lb. Index 60 – 163 g/m^2)
Dimensions (WxDxH):	18.1" x 20" x 27"
Weight:	SP 5200SHW/SP 5200SHT: 99.2 lb. (45 kg) SP 5210SFHW/SP 5210SFHT: 103.6 lb. (47 kg)

Hardware Accessories
Paper Feed Unit TK1090/TK1090T/TK1090L

Capacity:	550 sheets, 1 or 2 units may be installed
Paper Size Range:	3.86" x 6.3" to 8.5" x 14.01"
Paper Weight:	14 – 59 lb. Bond/120 lb. Index (52 – 220 g/m^2)
Dimensions (WxDxH):	17.8" x 20.3" x 5.9"
Weight:	19.9 lb (9.0 kg)

Optional Paper Feed Unit with Casters TK1100/TK1100T/TK1100L

Capacity:	550 sheets, 1 unit may be installed as bottom PFU. Required for floor placement
Paper Size Range:	3.86" x 6.3" to 8.5" x 14.01"
Paper Weight:	14 – 59 lb. Bond/120 lb. Index (52 – 220 g/m^2)
Dimensions (WxDxH):	29.7" x 25.0" x 8.7" (including casters)
Weight:	26.5 lb (12.0 kg)

Supplies and Consumables
Black AIO Print Cartridge

SP 5200HA:	25,000 pages*

Maintenance Kit SP 5200:	120,000 pages *Includes 1 Fusing Unit, 1 Transfer Roller, 5 Feed Rollers and 5 Friction Pads

*Declared yield values based on ISO/IEC 19752. Actual yields may vary based on types of images printed and other factors.

The Ricoh SP 5200SHW/SP 5200SHT/SP 5210SFHW/SP 5210SFHT ship with one starter AIO cartridge yielding 6,000 pages. All other consumables ship at full yield.

SP 5210DNHW/SP 5210DNHT

Output Speed (LTR)	52-ppm
First Print Speed:	7.5 seconds or less
Warm-up Time:	29 seconds or less
Processor:	533MHz
Memory:	768 MB RAM (standard)
Hard Disk Drive*:	80 GB (standard)

*Includes HDD Encryption Unit and Overwrite (DOSS)

Standard Interfaces:	10/100Base-TX Ethernet, USB 2.0 (Type B), USB 2.0 Host (Type A)
Printer Languages:	PCL 5e, PCL 6, XPS, Adobe PostScript 3 + PDF Direct Print, Genuine IPDS (optional)
Supported Environments:	Windows XP, Vista, 7, Server 2003/2003R2, Server 2008/2008R2, Mac OS 8.6 – 9.x, OS X v.10.2+, Novell NetWare v 6.5+, SAP R/3, Citrix Presentation Server, UNIX (Ricoh Filter Phase 11)
Standard Paper Supply:	SP 5210DNHW: 250-sheet Tray + 100-sheet Bypass SP 5210DNHT: 550-sheet Tray + 100-sheet Bypass
Maximum Paper Capacity:	SP 5210DNHW: 2,550 sheets SP 5210DNHT: 2,850 sheets
Automatic Duplexing :	Standard, up to 8.5" x 14" (Approx. 80% productivity)
Output Capacity:	500 sheets
Supported Paper Sizes:	SP 5210DNHW Standard Tray: Width: 3.25" to 8.25", Length: 5.52" to 14" SP 5210DNHT Standard Tray: Width: 3.86" to 8.5", Length: 5.52" to 14"
Supported Paper Weight:	Std. & Optional Tray(s): 14 - 59 lb. Bond/ 120 lb. Index (52 - 220 g/m^2) When Duplexing: 16 - 44 lb. Bond/90 lb. Index (60 - 163 g/m^2)
Dimensions (WxDxH):	16.2" x 17.1" x 15.75"
Weight:	51 lb. (23 kg)

Hardware Accessories
Paper Feed Unit TK1120/TK1120T/TK1120L

Capacity	550 sheets, Up to 3 units may be installed
Maximum Paper Size	3.86" x 6.3" to 8.5" x 14"(98 mm x 160 mm to 216 mm x 356 mm)
Paper Weight	14 – 59 lb. Bond/120 lb. Index (52 – 220 g/m^2)
Dimensions (WxDxH)	15.75" x 17.1" x 5.9" (400 mm x 435 mm x 150 mm)
Weight	15.5 lb (7.0 kg)

Paper Feed Unit with Caster TK1130/TK1130T/TK1130L

Capacity	550 sheets, 1 unit may be installed. Required for floor standing configurations.
Maximum Paper Size	3.86" x 6.3" to 8.5" x 14"
Paper Weight	14 – 59 lb. Bond/120 lb. Index (52 – 220 g/m^2)
Dimensions (WxDxH)	29.7" x 28.6" x 8.5" (including casters)
Weight	17.7 lb (8.0 kg)

Consumables & Yields
Black Print Cartridge

SP 5200HA	25,000 pages*
Maintenance Kit SP 5200	120,000 pages *Includes Fusing Unit, Transfer Roller, 5 Feed Rollers and 5 Friction Pads.

SP C431DNHW/SP C431DNHT

Printing Speed:	42-ppm Full-color and Monochrome
First Print Speed:	Color: 15 seconds; Monochrome: 10 seconds
Warm-up Time:	50 seconds or less
Processor:	600 MHz
Memory:	768 MB RAM
Hard Disk Drive:	80 GB (standard)
Standard Interfaces:	10/100BaseTX Ethernet, USB 2.0, USB 2.0 Host I/F
Printer Languages:	Adobe PostScript3, PCL 5c, PCL 6, PDF Direct & XPS Driver
Supported Environments:	Windows XP, Vista, 7, Server 2003/2003R2, Server 2008/2008R2, Mac OS 8.6 – 9.x, OS X v.10.2+, Novell NetWare v 6.5+, SAP R/3, Citrix Presentation Server, UNIX (Ricoh Filter Phase 11)
Standard Paper Supply:	SP C431DNHW: 250-sheet Tray + 100-sheet Bypass; SP C431DNHT: 550-sheet Tray + 100-sheet Bypass
Maximum Paper Capacity:	SP C431DNHW: 2,000 sheets; SP C431DNHT: 2,300 sheets
Automatic Duplex:	Standard (prints @ nearly 100% simplex speed thru standard tray)
Output Capacity:	500 sheets face down
Supported Paper Sizes:	SP C4310DNHW Standard Tray: Width: 3.25" to 8.25", Length: 5.8" to 14"; SP C431DNHT Standard Tray: Width: 3.9" to 8.5", Length: 5.8" to 14"
Supported Paper Weight:	Std & Optional Tray(s): 14 lb. – 59 lb. Bond/120 lb. Index (52 - 220g/m²); Bypass Tray: 14 lb. – 69 lb. Bond/140 lb. Index/(52 – 256g/m²)
Dimensions (W x D x H):	17.48" x 25.91" x 19.29"
Weight:	126 lb. (53.5kg)

Hardware Accessories
Paper Feed Unit PB1020/PB1020T

Capacity:	550 sheets; Up to 3 units may be installed
Paper Size Range:	3.9" x 5.8" to 8.5" x 14.1"
Paper Weight:	14 – 59 lb. Bond/120 lb. Index (52 – 220 g/m²)
Dimensions (WxDxH):	17.48" x 23.22" x 5.51"
Weight:	26.46 lb (12 kg)

Consumables

Black Toner Cartridge	Yield: 21,000 pages*
Yellow Toner Cartridge	Yield: 24,000 pages*
Magenta Toner Cartridge	Yield: 24,000 pages*
Cyan Toner Cartridge	Yield: 24,000 pages*
Photoconductor Unit Black	Yield: 50,000 pages
Photoconductor Unit Color	Yield: 50,000 pages
Intermediate Transfer Unit	Yield: 100,000 pages
Waste Toner Bottle	Yield: 50,000 pages
Fuser Unit	Yield: 120,000 pages

*Declared yield values in accordance with ISO/IEC 19798. Actual yields will vary based on images printed and other factors.

The Ricoh Aficio SP C431DNHW/ SP C431DNHT ships with starter toner cartridges that yield 3,000; all other consumables ship at full yield.

MP C300HW/MP C300HT

Output Speed (Copy/Print, LTR):	32-ppm Full-color and Monochrome
First Print Speed:	Color: 15 seconds; Monochrome: 10 seconds
Warm-up Time:	50 seconds or less
Processor:	1 GHz
Memory:	1.5 GB RAM
Hard Disk Drive:	160 GB (standard)
Standard Interfaces:	10/100BaseTX Ethernet, USB 2.0, USB 2.0 Host I/F
Printer Languages:	Adobe PostScript3, PCL 5c, PCL 6, PDF Direct & XPS Driver
Supported Environments:	Windows XP, Vista, 7, Server 2003/2003R2, Server 2008/2008R2, Mac OS 8.6 – 9.x, OS X v.10.2+, Novell NetWare v 6.5+, SAP R/3, Citrix Presentation Server, UNIX (Ricoh Filter Phase 11)
Standard Paper Supply:	MP C300HW: 250-sheet Tray + 100-sheet Bypass; MP C300HT: 550-sheet Tray + 100-sheet Bypass
Maximum Paper Capacity:	MP C300HW: 2,000 sheets; MP C300HT: 2,300 sheets
Automatic Duplex:	Standard (prints @ nearly 100% simplex speed thru standard tray)
Output Capacity:	500 sheets face down
Supported Paper Sizes:	MP C300HW Standard Tray: Width: 3.25" to 8.25", Length: 5.8" to 11"; MP C300HT Standard Tray: Width: 5" to 8.5", Length: 5.8" to 11"
Supported Paper Weight:	Std & Optional Tray(s): 14 lb. – 58 lb. Bond/120 lb. Index (52 – 220g/m²); Bypass Tray: 14 lb. – 68 lb. Bond/140 lb. Index/(52 – 256g/m²)
Dimensions (W x D x H):	21.7" x 22.4" x 28.0" (including ARDF and Operation Panel)
Weight:	176.3 lb. (80.1kg)

Hardware Accessories
Paper Feed Unit PB1000/PB1000T

Capacity:	550 sheets
Paper Size Range:	3.9" x 5.8" to 8.5" x 14.1"
Paper Weight:	14 – 58 lb. Bond/120 lb. Index (52 – 220 g/m²)
Dimensions (WxDxH):	20.4" x 22.1" x 4.7"
Weight:	28.6 lb (13.0 kg)

Consumables

Black Toner Cartridge	Yield: 8,300 pages*
Yellow Toner Cartridge	Yield: 10,000 pages**
Magenta Toner Cartridge	Yield: 10,000 pages**
Cyan Toner Cartridge	Yield: 10,000 pages**

* A4, 6% chart is used to measure the yield.
** A4, 5% chart is used to measure the yield.

HEALTHCARE PRINTERS & MFP BASIC SPECIFICATIONS
For detailed specifications, please refer to the individual product brochures.

Wristband Tray

Paper Size:	Width 3.25" to 8.25", Length: 5.52" to 14"
Paper Capacity:	Up to 250 sheets (depending on thickness of media)

Portable Print Configuration

Exportable Data:	All settings under System, Print Settings, IPv4 Address and Fixed USB Port menus
Card Type:	Low density SD Card; Data Storage Card Type A (402627) may be used

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

Specifications subject to change without notice.

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www.ricoh-usa.com/healthcare