

COPIER

Copying process:	Laser beam scanning & electro-photographic printing
Copy speed:	Full colour: 20 copies per minute B/W: 20 copies per minute
Resolution:	600 dpi
Multiple copy:	Up to 99
Warm-up time:	Less than 48 seconds
First output speed:	Less than 30 seconds
Zoom:	25 - 400% (in 1% steps)
Memory:	128/256 MB Maximum: 512 MB (SP C232SF)
Paper input capacity:	Standard: 250 sheets 1-sheet bypass tray Maximum: 751 sheets
ADF capacity:	35 sheets
Paper output capacity:	Standard: Up to 150 sheets (face down)
Paper size:	Paper trays: A6 - A4 Bypass tray: A6 - A4 Optional paper tray: A4
Paper weight:	Paper trays: 60 - 160 g/m ² Bypass tray: 60 - 160 g/m ² Optional paper tray: 60 - 105 g/m ²
Duplexing:	Standard
Dimensions (W x D x H):	420 x 493 x 476 mm
Weight:	Less than 30 kg
Power source:	220 - 240 V, 50 - 60 Hz
Power consumption:	Maximum: 1.3 kW Energy saver mode: 20/25 W

PRINTER

Print speed:	Full colour: 20 prints per minute B/W: 20 prints per minute
Printer language/resolution:	SP C231SF: DDST: 600 x 600 dpi 1,200 x 600 dpi (equivalent) 2,400 x 600 dpi (equivalent) SP C232SF: PCL5c, PCL6, PostScript®3™ ¹ : 600 x 600 dpi 1,200 x 600 dpi (equivalent) 2,400 x 600 dpi (equivalent)
Interface:	10 base-T/100 base-TX Ethernet USB 2.0
Network protocol:	TCP/IP, IPP
Supported environments:	Windows® 2000/XP/Server 2003/Vista/Server 2008 Macintosh OS X 10.2.8 - 10.5 (native mode)

SCANNER

Resolution:	Maximum 1,200 dpi
Original size:	Platen: Maximum A4 ADF: Maximum A4
Output formats:	PDF, TIFF, JPEG
Bundled drivers:	WIA (USB), TWAIN (USB, Network)
Scan to e-mail:	SMTP, TCP/IP
Stored destination addresses:	Maximum 100
Scan to folder:	Via SMB or FTP protocol

SOFTWARE SOLUTIONS

PageManager
PC Fax Utility

FAX

Circuit:	PSTN/PABX
Compatibility:	ITU-T G3
Modem speed:	Maximum: 33.6 Kbps
Resolution:	Maximum: 200 x 200 dpi
Compression method:	MH, MR, MMR
Scanning speed:	Less than 5 seconds
Memory capacity:	100 pages (based on ITU-T#1 chart, MMR, 200 x 100 dpi)
Memory backup:	Yes (1 hour)

CONSUMABLES

Toner:	C, M, Y: 6,000 (long yield) - 2,500 (short yield) pages* K: 6,500 (long yield) - 2,500 (short yield) pages*
Waste toner bottle:	25,000 prints per bottle

The Aficio™ SP C231SF/SP C232SF ship with a 1,000-sheet starter kit.
* IEC24712 declared chart, ISO/IEC 19798 colour measurement.

OTHER OPTIONS

1 x 500-sheet paper tray
256 MB SDRAM DIMM memory (SP C232SF only)

¹ The SP C231SF/SP C232SF do not run genuine PostScript® but an emulation.

Ricoh has designed these products to meet EC ENERGY STAR guidelines for energy efficiency.

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.



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Cost-efficient colour all-rounders

Aficio™

SP C231SF SP C232SF

RICOH

high efficiency

multifunctional flexibility

print securely

RICOH

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Your ideal office helper



You know the challenges of running a small office. So do we. Ricoh's Aficio™ SP C231SF and SP C232SF have been designed specifically to address your needs. Their compact frames bundle many capacities, from colour document production to digital distribution and security measures. They manage to combine speed and high image quality with an appealing Total Cost of Ownership. Not only do they boast an attractive unit price; their cost-saving duplex unit is standard. Discover two compact but surprisingly powerful all-rounders.

- 20 colour prints per minute.
- Small footprint.
- Attractive Total Cost of Ownership (TCO).
- Outstanding ease of use.
- PC fax capability.



Easy to use

- Excellent operability via intuitive operation panel.
- All-in-one toner cartridges can be replaced singlehandedly.
- Scanner part slide mechanism for easy accessibility.

Smart and compact business solutions



High efficiency

The SP C231SF/SP C232SF never keep you waiting. They deliver their first output in a mere 30 seconds. Whether in monochrome or colour, they print 20 pages per minute. The secret of their success? Their compact exterior hides a reliable tandem 4-drums engine.

Multifunctional flexibility

The SP C231SF/SP C232SF copy, print, scan and fax: they are the ultimate space-savers. Print and scan at the same time, or scan while receiving fax messages for maximum efficiency. PC faxing and a system for photocopying ID cards are among the SP C231SF/SP C232SF's useful extras.

Digital distribution

Speedy and paper-saving, the SP C231SF and SP C232SF live up to the digital age.

- Manage your workflows digitally by scanning to e-mail, folder or FTP.
- Programme scan settings and enjoy easy push scan functions.



Print securely

Protect documents and device against unauthorised use.

- Locked print: lock a file for printing unless a set password is entered via the operation panel.
- User restriction: make the device ask for a user ID before it will print, copy, scan or fax.

We think green, do you?

RICOH devices are designed to boost the cost-efficiency of your print workflow while respecting the environment. Short warm-up times result in frequent use of the energy saver mode. Combine this low energy cost with a paper-saving duplex capability. What is good for nature is also good for you.

