



Aficio™ SP C312DN

Productive colour printer
for **daily** office use



RICOH

Low cost, high quality compact and powerful

It is a known fact: colour documents have a greater impact than monochrome ones. Ricoh's Aficio™SP C312DN proves that this added value can come at an attractive cost per page. Fast warm-up times, impressive print speeds and high-quality images further add to its outstanding value. Give your internal documents an edge with the SP C312DN's advanced print features. This user-friendly system has what it takes to answer the needs of your colour document workflow.

Key Features

- 25 prints per minute.
- Excellent colour and image quality.
- Low cost per page.
- Small footprint.



Productivity & speed

The SP C312DN produces your documents in next to no time. It needs less than 30 seconds to warm up and delivers your first print in a mere 13.5 seconds. Enjoy a continuous print speed of 25 pages per minute in both B/W and full colour.



Superb colour & image quality

Impress with superior colour documents. The SP C312DN produces vibrant colours and its maximum print resolution is an excellent 600 dpi. You can even run a special matching system that simulates offset colours.





User-friendly operation

Like all Ricoh products, the SP C312DN is straightforward and easy to use. Easily replaceable parts ensure quick and simple maintenance whilst the convenient all-in-one cartridges allow you to replace drum and toner in one go. With the full-front operational paper pass, any jammed paper is removed in the blink of an eye.



Produce high quality documents in-house

Enjoy the same high-quality colours for every document with colour registration. Feed your document's front cover from a specified tray. Control printing on preprinted paper with Letterhead Mode.

Low total cost of ownership

- Competitive machine price.
- Low cost per page.
- Standard duplexing.



Committed to the Environment

Like all Ricoh products, the Aficio™ SP C312DN reflects Ricoh's commitment to the environment with the use of toxic free materials* and minimum emissions. Significant energy savings are also obtained thanks to advanced new power saving modes.

We are using our expertise in innovation to deliver products that exceed in both performance and environmental sustainability.

- Ricoh's production development policy is to create products that have minimal environmental impact throughout their lifecycles. Our new color PxP toner (a polymerized toner), made from newly developed polyester resin, is designed to fuse at a temperature 20°C lower than its predecessor while achieving higher picture quality with fine and uniform particles. This lower fusing temperature means the copier/printer consumes less energy when in use.
- By using Ricoh's Toner Cartridge Takeback Program you can ensure your toner cartridges are fully recycled with zero-waste-to-landfill
- Our free Toner Cartridge Takeback Program has over 7,900 collection boxes in use across Australia and has diverted 436 tonnes of consumables from landfill
- We are developing a plant based plastic for our toners. Replacing the world's inventory with plant-based resin would reduce carbon dioxide emissions by approximately 120,000 tons per year

*The 'Restrictions on Hazardous Substances (RoHS)' directive limits the use of substances such as lead, cadmium and hexavalent chromium in electronic goods.



Specifications

General

Technology:	Laser beam scanning & electro-photographic printing
Continuous print speed:	
Full colour:	25 prints per minute
B/W:	25 prints per minute
Resolution:	2,400 x 600dpi (fine mode)
Warm-up time:	Less than 30 seconds
First print speed:	13.5 seconds
Dimensions (W x D x H):	400 x 480 x 387 mm
Weight:	Less than 28 kg
Power source:	220 - 240 V, 50 - 60 Hz
Power consumption:	
Maximum:	Less than 1.3 kW
Energy saver mode:	Less than 15 W
Duty cycle:	50,000 pages per month

Controller

CPU:	400 MHz
Printer language/resolution:	
PCL5c, PCL6, PostScript® 3™ 1:	
600 x 600 dpi (Speed Mode),	
1,200 x 600 dpi equivalent (Standard Mode),	
2,400 x 600 dpi equivalent (Fine Mode)	
Memory:	
Standard:	128 MB
Maximum:	640 MB
Drivers:	PCL5c, PCL6, PostScript® 3™ Emulation
Fonts:	PCL, PostScript® 3™ Emulation: HP80 fonts

Connectivity

Network protocol:	TCP/IP, AppleTalk, IPX/SPX
Supported environments:	Windows® 2000/XP/Vista/ Server 2003/Server 2008 Citrix Presentation Server 4.0/4.5 Macintosh OS X v10.2.8 - 10.5 (native mode) Novell® Netware® v4.x or later
Interface:	USB 2.0 10 base-T/100 base-T Ethernet PictBridge

Software solutions

DeskTopBinder Lite, FontManager

Paper handling

Paper input capacity:	
Standard:	1 x 500-sheet paper tray 100-sheet bypass tray
Maximum:	1,100 sheets
Paper output capacity:	
Standard:	150 sheets (80 g/m ²)
Paper size:	
Paper trays:	A5 - A4
Bypass tray:	A6 - A4
Optional paper tray:	A4
Paper weight:	
Paper trays:	60 - 105 g/m ²
Bypass tray:	60 - 200 g/m ²
Optional paper tray:	60 - 105 g/m ²
Media:	
Standard/optional paper trays:	Plain paper, recycled paper, pre-punched paper
Bypass tray:	Plain paper, recycled paper, application paper, envelopes, glossy paper, thick paper, label paper

Consumables

Toner:	
C, M, Y:	6,000*
K:	6,500*
Maintenance kit:	90,000 prints
Transfer belt unit:	90,000 prints
Waste toner bottle:	55,000 prints

The Aficio™SP C312DN ships with a 2,500-sheet starter kit.
* IEC24712 declared chart, ISO/IEC 19798 colour measurement.

Other options

Internal options:	256 MB memory
External options:	1 x 500-sheet paper tray

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

This product contains NetBSD operating system.



ISO 14001: Lic C10297
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