A new standard of performance that exceeds your expectations

Digital duplicator

RISO SF5230

B4/130 ppm/300 x 600 dpi/LCD panel/
Versatile connectivity
Introducing the SF series, the all-new global brand that meets all kinds of user needs

Employed in over 180 countries and regions, RISO has been successfully meeting all user needs by constantly listening to the feedback from our customers in order to continually improve our products. The SF series is an important milestone and a masterpiece of our ceaseless innovation. With the fastest speed in its class plus the superior operability and print quality, the SF series ushers you into a higher dimension of printing.
High Productivity
130 ppm High-speed printing

Simple Operation
New control panel design

High Definition
300 x 600 dpi High-resolution

RISO SF5230
RISO offers outstanding productivity through high speed and low cost.

High-speed 130 ppm printing
Achieving 1000 pages printed in approx. 8 minutes. This surprisingly rapid rate will efficiently support your heavy paperwork requirements.

Quick Master Making mode  NEW
A new function, speed priority mode, shortens the master-making time while still maintaining high image quality.

Heavy-load paper feeding
The paper trays have a capacity of 1000 sheets* for both feeding and receiving, which ensures uninterrupted printing over a longer period.

*When using the following weight of paper: 64 gsm to 80 gsm

Overwhelmingly economical print costs
The SF series makes prints from a master. As a result, the more pages generated from each master the lower the cost per print, making it highly economical for medium- to high-volume printing.

Paper saving
Page layout printing combines multiple copies of the same page, or copies of multiple pages onto a single printed page to save paper. Conveniently condense bulky multiple-page documents in an easy-to-read format. These functions are available when using the printer driver.

Versatile paper handling capability
The SF series plays multiple roles, accepting a wide range of paper types such as recycled paper, coarse paper, cards and envelopes.

Easily adjustable receiving tray  Improved
The receiving tray can be adjusted easily with a click feeling for each standard paper size. Improved design allows printed papers to settle in an orderly way for smooth pickup.
No need to worry. Operation is easy for everyone.

Redesigned control panel [Improved]
New, easy-to-use control panel provides intuitive operation.

Easy-to-use LCD panel [NEW]
The information on the 128 × 64 dot LCD panel can be easily viewed, and it also shows the residual capacity of supplies to prevent an out-of-stock situation occurring.

Versatile program print
For example, you can print question papers for three different classes, A, B and C, that contain different numbers of students. Simply set up the program, place the three original tests in the Auto Document Feeder and press “print” — you’ll automatically receive the required numbers of each individual test.

Various printing approaches
The SF series offers various ways of printing, depending on your specific requirements.

- Standard equipment of PC-I/F
- Direct printing from a USB flash drive

RISO console [NEW]
The total management system improves convenience by integrating applications in one place. Product, consumables and system information can all be checked easily on your PC.
“We don’t want to compromise the beauty of the finish.”

Images and text can be printed with outstanding quality.

High image quality 300 × 600 dpi printing [Improved]

Improved resolution for both scanning and printing. This achieves sharp and clear output with the highest image quality.

Enhanced features for clearer output

High scanning quality [NEW]
The newly designed scanner attains smooth tonal gradation even with photo images.

- Reduced blown-out highlights via equalized dot description

Improved image-processing function [Improved]
Decreases image deterioration through improved image processing, delivering clearer output.

- Minimizes blocked-up shadows through enhanced gamma correction
- Sharp outlines with contour enhancement achieved

Ink color variations

21 standard colors plus 50 custom colors are available. A wide range of printing colors can meet the needs of a variety of print jobs.

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
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<tbody>
<tr>
<td>Red</td>
<td>Bright Red</td>
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<tr>
<td>RISO-Marine Red</td>
<td>Burgundy</td>
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<tr>
<td>Brown</td>
<td>Yellow</td>
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<tr>
<td>Green</td>
<td>Teal</td>
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<tr>
<td>Blue</td>
<td>Medium Blue</td>
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<tr>
<td>RISO-Red Blue</td>
<td>Purple</td>
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<tr>
<td>Gray</td>
<td>Hunter Green</td>
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<tr>
<td>Light Gray</td>
<td>Fluorescent Pink</td>
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<tr>
<td>Fluorescent</td>
<td>Fluorescein Orange</td>
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<td>Orange Gold</td>
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Other various functions for optimum output

- Auto base control
- Tone smooth function
- Four image-processing modes: Line, Photo, Duo, and Pencil

The Statue of Liberty

Our solar system continues to reveal amazing facts and inspire awe out of this world fantasy. Take the quiz to find out how much you know.

1. Which two planets are born in our solar system?
   - a) Earth, Mars
   - b) Jupiter, Saturn
   - c) Mercury, Venus
   - d) Venus, Mars

2. What is the weight of the Earth on the sun’s surface?
   - a) 1,000,000 lbs
   - b) 1,000,000,000 lbs
   - c) 1,000,000,000,000 lbs
   - d) 1,000,000,000,000,000 lbs

3. Which of the planets is mostly solid ice?
   - a) Mercury
   - b) Venus
   - c) Mars
   - d) Saturn

4. Which planet has the most moons?
   - a) Jupiter
   - b) Saturn
   - c) Uranus
   - d) Neptune

5. What is the distance from Earth to the Sun on average?
   - a) 149 million km
   - b) 149 million miles
   - c) 149 billion km
   - d) 149 billion miles

6. In 1977, Voyager 1 crossed the heliosheath boundary and entered the corona at the edge of the solar system. How far does Voyager travel in its mission to explore the inner planets and outer solar system?
   - a) 100,000 km
   - b) 100,000,000 km
   - c) 100,000,000,000 km
   - d) 100,000,000,000,000 km

7. It takes the Sun 230-250 million years to revolve around the Milky Way Galaxy. How fast does the Sun travel?
   - a) 200 km/h
   - b) 200 km/h in a year
   - c) 200 km/h in a century
   - d) 200 km/h in a millennium

8. How old is the solar system?
   - a) 100 years
   - b) 1,000 years
   - c) 1 million years
   - d) 5 billion years

9. In 2007, Voyager 1 crossed the heliosheath boundary and entered the corona at the edge of the solar system. How far is Voyager from the Sun?
   - a) 100,000 km
   - b) 100,000,000 km
   - c) 100,000,000,000 km
   - d) 100,000,000,000,000 km

Answers:

1. a) Earth, Mars
2. c) 1,000,000,000 lbs
3. b) Venus
4. b) Saturn
5. a) 149 million km
6. c) 100,000,000,000 km
7. a) 200 km/h
8. c) 1 million years
9. b) 100,000,000 km
“How can we manage the information and consumables.”

We support information and consumables management.

IC card security
Enhanced security by an optional IC card activation kit. Only an authorized user can perform printing, effective to prevent divulging information from secret documents.

Usage report
The SF series provides RISO Copy Count Viewer for counting users’ printouts, useful for understanding expenses and usage restriction. The aggregate results are available via printout, USB flash drive or email.

“Ecology is an important concern to us all.”

We strongly care about global environmental issues as well.

Eco-friendly
The SF series consumes 1/10th the energy, compared with energy star guidelines.
- ENERGY STAR® qualified and RoHS certified
- Complies with the ErP directive in Europe
- Consumes less power and produces less heat
- Energy-saving system

Rice bran oil ink NEW
The rice bran oil ink contributes to environment sustainability. Rice bran, which would be otherwise wasted, is a raw material with no VOCs, so after the oil is extracted for the ink. It can subsequently be used as fertilizer or animal feed.
Optional Accessories

- RISO SF Drum
- RISO Auto Document Feeder IV
- Job Separator IV; NIII
- Card Feed Kit
- RISO Key Card Counter IV, N
- RISO Stand D Type III Deluxe and with doors for convenient storage with a neat appearance.
- RISO Stand N Type III Sturdy open-front stand also offers convenient storage of consumables.

• IC Card Reader Activation Kit RG
• RISO Network Kit RG
• RISO Printer driver for Macintosh

Specifications

Master Making/Printing Methods
High-speed digital master-making/Fully automatic printing

Original Type
Book or sheet

Master Making Time\(^1\)\nQuick Master Making mode
Approx. 18 seconds (A4, short-edge feed)

Normal Master making mode
Approx. 20 seconds (A4, short-edge feed)

Resolution
Scanning
600 dpi × 600 dpi

Printing
300 dpi × 600 dpi, Quick Master Making mode: 300 dpi × 400 dpi

Maximum Scanning Area
297 mm × 432 mm

Print Paper Weight
46 gsm to 157 gsm

Print Paper Size
100 mm × 148 mm to 310 mm × 432 mm

Maximum Printing Area
251 mm × 357 mm

Paper Feed Tray Stacking Capacity
1000 sheets\(^2\), stacking height of 110 mm or lower

Paper Receiving Tray Stacking Capacity
1000 sheets\(^2\), stacking height of 110 mm or lower

Print Speed
5 levels: 60, 80, 100, 120 and 130 ppm

Print Position Adjustment
Horizontal: ±15 mm, Vertical: ±10 mm

Image Processing Mode
Line, Photo, Duo, Pencil

Print Reproduction Ratio
Zoom: (50% to 200%), Free, 100% reduction ratio, 3 levels of enlargement (141%, 122%, 116%), 4 levels of reduction (94%, 87%, 82%, 71%)

User Interface
LED panel

Functions
Original Scanning mode, Scanning Level, Enlargement/Reproduction, Dot Process, 2-Up, Book, Ink Saving, Quick Master Making, ADF-Semi-Auto\(^3\), Speed, Density, Print Position, Program A/B, Job Separation\(^3\), Idling, Confidential, Meter Display, Count Report Output, Proof, Direct Printing, USB Flash-via-Printing, Auto Sleep Setting, Auto Power-Off Setting, Eco mode, RISO iQuality System

Ink Supply
Full automatic (1000 ml/cartridge)

Master Supply/Disposal
Full automatic (B4; approx. 250 sheets per roll)/Disposal capacity: approx. 100 sheets

Power Source
AC 100-120 V 3.4 A, AC 220-240 V 1.6 A, 50-60 Hz

Power Consumption
Standard
Max.: 300 W, Ready: 20 W or lower, Sleep: 5 W or lower, Power-OFF: 0.5 W or lower

Optional Accessories Connected\(^4\)
Max.: 315 W, Ready: 30 W or lower, Sleep: 10 W or lower, Power-OFF: 0.5 W or lower

Dimensions (WxDxH)
In use
1415 mm × 670 mm\(^*\) × 1065 mm\(^*\)

In storage
780 mm × 670 mm\(^*\) × 1065 mm\(^*\)

Required Space (WxDxH)
1415 mm × 1240 mm × 1515 mm\(^*\)

Weight
180 kg\(^*\)

Safety Information
IEC-60950-1 compliant, indoor, pollution degree 2\(^*\), at altitudes of 2000 m or lower

\(^1\) Measurement value when set to 100% reproduction ratio.  
\(^2\) When using the following weight of paper: 64 gsm to 80 gsm  
\(^3\) Optional accessories required.  
\(^4\) When all the following optional accessories are installed, Auto Document Feeder, Job Separator, Key/Card Counter.  
\(^*\) The depth does not include the stabilizers for the stand.  
\(^*\) The height includes the stand.  
\(^*\) The weight does not include the ink, master roll, and stand.  
\(^*\) The pollution degree of the usage environment due to dirt and dust in the air. Degree “2” corresponds to a general indoor environment.

Notes: The specifications are subject to change without prior notice.