



RISO EZ Drum B4



RISO Auto Document Feeder AF-VI



RISO Job Separator IV:N III



Card Feed Kit



RISO Key Card Counter IV:N

- RISO PC Interface Card USB2.0
- RISO Network Card
- RISO Printer Driver for Macintosh
- RISO Accounting Tool

Consumables
RISO MASTER eZ TYPE (250 sheets per roll)
RISO INK eZ TYPE (1000ml per cartridge)

RISO EZ231	Master-Making/Printing Methods	High-speed digital master-making/Fully automatic stencil printing
	Original Type	Book, Sheet
	Original Size	When using the Glass Platen : 50 mm x 90 mm-310 mm x 432 mm When using the AF-VI (option) : 100 mm x 148 mm-310 mm x 432 mm
	Original Paper Weight	When using the Glass Platen : 10 kg or less When using the AF-VI (option) : 50 gsm-128 gsm
	Scanning Area (max.)	297 mm x 432 mm
	Print Paper Size	100 mm x 148 mm-310 mm x 432 mm
	Paper Supply Capacity	1000 sheets (64 gsm)
	Print Paper Weight	Standard : 46 gsm-157 gsm When using the Card Feed Kit (option): A4 and smaller size (100 gsm-400 gsm) Legal and smaller size (100 gsm-310 gsm) A3 and smaller size (100 gsm-210 gsm)
	Image Processing Mode	Line, Photo, Duo, Pencil
	Resolution	Scanning resolution: 300 dpi x 600 dpi Print image resolution: 300 dpi x 300 dpi
	Master-making Time (for 100% reproduction ratio)	Approx. 25 seconds (for A4/Portrait)
	Printing Area (max.)	251 mm x 357 mm
	Print Reproduction Ratio	3 enlargements: 116%, 122%, 141% 3 reductions: 87%, 82%, 71% Margin+: 94%
	Print Speed	60 ppm-130 ppm (5 steps variable)
	Print Position Adjustment	Vertical: ± 15 mm Horizontal: ± 10 mm
	Ink Supply	Fully automatic (1,000 ml per cartridge)
	Master Supply/Disposal	Fully automatic (250 sheets per roll)
	Master Disposal Capacity	Approx. 100 sheets
	User Interface	LED Panel with Progress Arrow indicators, Front Side Operation
	Power Source	EZ231E: 220 V-240 V AC, <1.3 A> 50 Hz-60 Hz
	Dimensions (W x D x H) without Stand	When in use: 1415 mm (W) x 655 mm (D) x 665 mm (H) When in storage: 780 mm (W) x 655 mm (D) x 665 mm (H)
	Weight without Stand	Approx. 100 kg

Specifications are subject to change without notice. Details may vary depending on the region.

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For more details please contact:

The unique approach to printing.



B4

130ppm

**Higher print volumes —
But we don't want higher costs**

EZ231 Digital Duplicator — A smart choice for management-friendly value plus user-friendly operation

What would optimize your print job operations?
Lower costs? Faster speed? Higher image quality?

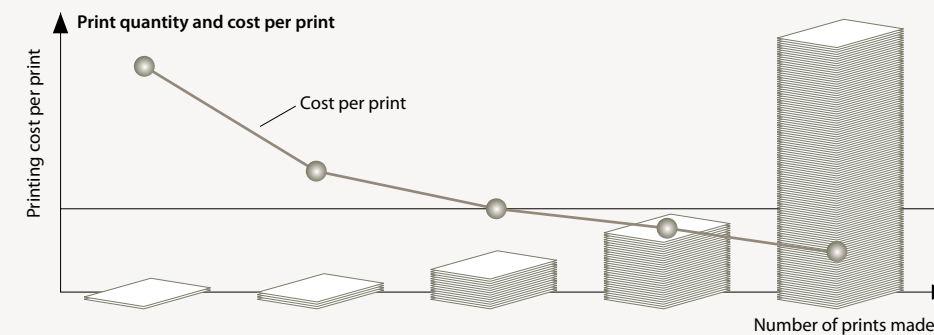
RISO EZ series digital duplicators offer lower running costs and higher printing speed to achieve greater expense reduction and productivity than photocopiers and printers can provide.

They can process large-batch printing to maximize efficiency in many ways, delivering everything from fixed-form documents to envelopes, cards, leaflets, educational materials and more.

The EZ231's B4-size print capability, versatile performance and affordable price make it the smart solution for handling a wide range of printing work.

The higher the volume, the lower the running cost per print. Great for envelopes and cards, too.

Overall operating costs for photocopiers and printers can be surprisingly higher than you imagine. But RISO EZ series digital duplicators reduce the cost per print of higher-volume jobs. How? By scanning the paper original or sending data from a PC for master-making, realizing greater cost efficiency than photocopiers, other printers or outside print shop services can provide.

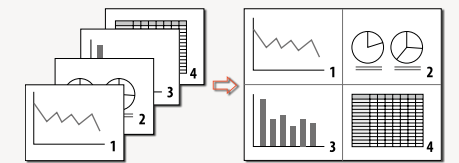


● Ink Saving Mode

The Ink Saving Mode minimizes ink usage — making large-volume printing especially cost-effective.

● Saves paper, too

To reduce paper costs, the machine can print multiple originals onto one sheet of paper.



More savings!

● Allows special-paper printing in-house

The EZ231 can handle special papers including thick paper, thin paper, envelopes and cards, so you can print more in-house and reduce outsourcing. Use less costly paper to cut costs even further.

Cost efficiency
Ease of use
Productivity
High image quality
Durability and Sustainability



Many operators to satisfy —
We hate complications

Don't spend too much time printing —
Productivity is important

With its photocopier-like output functionality, anyone can use the EZ231 with its simple two-step operation.

No worries — anyone can operate the machine as if it was an ordinary copy machine. Output setting is simple.



1. Set the original and press the start key to make a master.



2. Input the number of prints desired and press the start key again to start printing.



More ease of operation!

● Convenient master disposal *Only from RISO*
The Master Disposal Box is compact and upright, so disposing of used masters stored in it is as simple as pushing a lever. And you won't stain your hands.



● Easy replacement of consumables
An LED blinks to indicate that ink or masters are running low. Replacing ink bottles is as easy as a single click after opening the front door. Masters are easy to change, too.



● Color Universal Design *NEW*
With operational color design authorized by Color Universal Design Organization, operation parts are arranged for easy identification and with consideration for people with color vision deficiency.



Extra-fast printing up to 130 pages per minute, plus easy sorting by groups

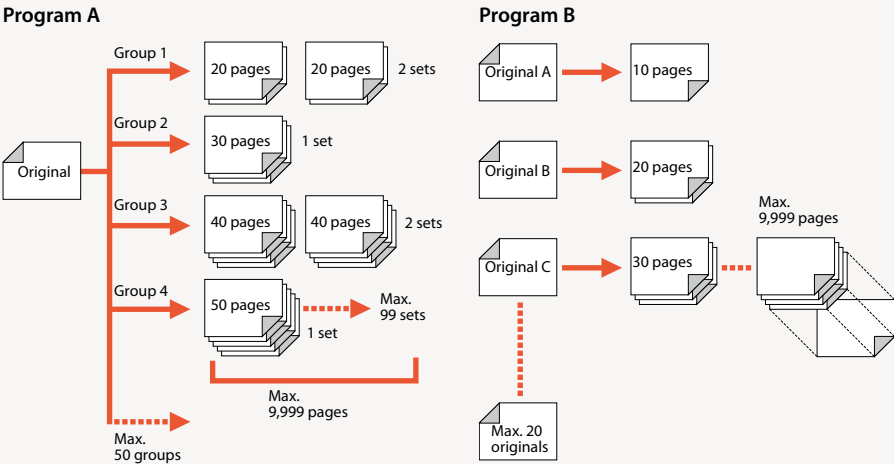
Suddenly need a large volume of prints? Don't panic. The EZ231 can print at a maximum of 130 pages per minute. That's over 1,000 pages in only eight minutes — much faster than photocopiers or printers can perform.

Time required to print 1,000 pages



More productive!

● Program output for easy group sorting
Besides speedy printing, the EZ231 is capable of quickly sorting output documents by group. Use Program A to output different quantities of prints per group, or Program B to output different quantities per page of multiple-page originals. Programs can be saved for later retrieval, so there's no need to repeat input routines each time. Also, an optional Job Separator raises sorting efficiency by inserting tape to mark the end of a job.



● Paper output mechanism neatly stacks papers at high speed
Thanks to the paper output mechanism, papers are output at high speed and neatly stacked on the V-shaped paper receiving tray. The receiving tray paper guides are designed so that they can be tilted outward for easy paper removal.



Appearance often matters —
We want beautiful results

You'll want to use it for a long time —
Environmental friendliness matters

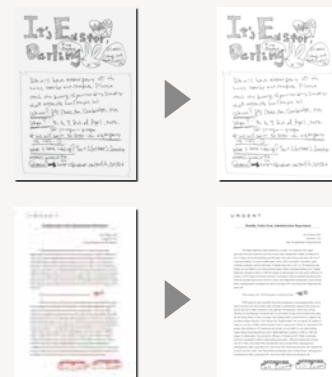
High-quality output from any kind of original.

The EZ231 does a beautiful job of printing high-quality text and images for a range of work — fixed-form documents, envelopes, leaflets, teaching materials and more.

More beautiful!

- **Optimum output, faithful to the original**
For optimal output, the EZ231 features four preset image processing modes: Line, Photo, Duo (line/photo/shadow off) and Pencil (darker/lighter).

- **Clearly reproduces penciled text and stamp marks**
Press the pencil key for clearer output of text and lines faintly drawn by pencil as well as stamp marks.



- **Clearer photos**

Use dot screening (fine/coarse) for clearer photo image output.

- **Higher quality printing with a PC**
The optional RISO PC Interface Card USB2.0 enables direct printing from a PC via USB cable, which keeps the output looking more beautiful. An optional RISO Network Card enables network connection.

- **Optional color drum for adding color**
Spot color can help documents stand out. The machine's color drum is designed to be light, easy to set and user-friendly. It accommodates a wide variety of inks in 21 standard colors, 50 custom colors, plus special order-made colors that can give corporate logos an extra-special look.



The EZ231 passes the one-million-output test. It's environmentally friendly, too.

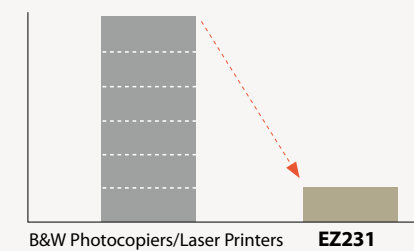
The one-million-output and other durability tests make the machine supremely reliable. It's built to last, extending its cost-effective qualities to the limit. With such high performance made for posterity, the EZ231 is an exemplary long-term performer.

More safety!

- **Friendly to the environment**
The EZ231 consumes energy very sparingly, using just about 1/6th* of the power that a photocopier requires. The ink it uses is made of eco-friendly soy oil. RISO makes products that conform to the International Energy Star Program.

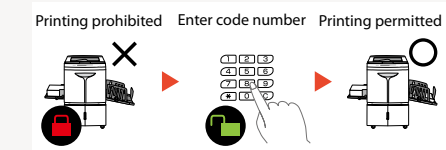


*When compared with a B&W photocopier of approx.1500W.



- **Full security**

The EZ231 features security functions that can limit user access or secure original data in order to protect against information leakage. After printing, the master remains on the drum so that it can be printed at any time. Turn on Confidential mode, and the master on the drum is disposed of to safeguard against undesired printing of confidential documents.



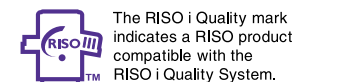
- **RISO i Quality System**

Only from RISO

The RISO i Quality System offers a large number of quality and convenience benefits. Among them are:

- Automatic assurance of optimum print quality
- Prevention of operator error
- Warning of shortages in remaining ink/master volume
- Minimized paper waste

RISO i Quality System™

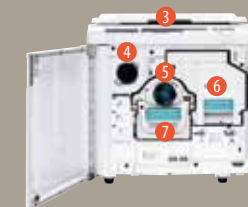


Feed side



1. Master disposal box
2. Paper feed tray

Front



3. Flat bed scanner
4. Ink cartridge cap holder
5. Easy ink setting
6. Slide-out master-making unit
7. Lightweight print drum

Output side



8. Paper receiving tray