### Specifications

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

**Original Type**
- Book, Sheet

**Original Size**
- When using the Glass Platen: 13 11/16" x 17 7/8" (355 mm x 455 mm)
- When using the AF-VI (option): 13 11/16" x 17 7/8" (355 mm x 455 mm)

**Original Paper Weight**
- When using the Glass Platen: 22 lb (10 kg) or less
- When using the AF-VI (option): 13 lb bond-34 lb bond (50 gsm-128 gsm)

**Scanning Area (max.)**
- 11 11/16" x 17 7/8" (297 mm x 457 mm)

**Print Paper Size**
- Standard: 11 11/16" x 17 7/8" (297 mm x 457 mm)
- Extend Paper Mode: 12 3/8" x 21 27/32" (310 mm x 555 mm)

**Print Paper Weight**
- Standard: 12 lb bond-87 lb bond (46 gsm-157 gsm)
- When using the Card Feed Kit (option): A4 and smaller size 12 lb bond-221 lb index (100 gsm-400 gsm)
- Legal and smaller size 12 lb bond-27 lb bond/index (100 gsm-310 gsm)

**Image Processing Mode**
- Line, Pictorial, Mono, Bond

**Resolution**
- Scanning resolution: 300 dpi x 600 dpi
- Print image resolution: 300 dpi x 300 dpi

**Master-making Time (for 100% reproduction ratio)**
- Approx. 22 seconds (for Letter/Portrait)

**Print Reproduction Ratio**
- When in use: 55 23/32" (W) x 25 25/32" (D) x 26 3/16" (H) (1415 mm (W) x 655 mm (D) x 665 mm (H))

**Print Reproduction Ratio (for 121%, 129%, 154% / 78%, 65%, 61%)**
- When in storage: 30 23/32" (W) x 25 25/32" (D) x 26 3/16" (H) (780 mm (W) x 655 mm (D) x 665 mm (H))

**Print Speed**
- 60 ppm-130 ppm (5 steps variable)

**Print Position Adjustment**
- Vertical: ± 19/32" (± 15 mm)
- Horizontal: ± 3/8" (± 10 mm)

**Ink Supply**
- Fully automatic (1,000 ml per cartridge)

**Master Supply/Disposal**
- Fully automatic: (10 sheets per roll)

**Master Disposal Capacity**
- Approx. 100 sheets

**User Interface**
- LED Panel with Progress Arrow indicators, Front Side Operation

**Power Source**
- EZ221U: 100 V-120 V AC, <2.5 A> 50 Hz-60 Hz
- 220 V-240 V AC, <1.3 A> 50 Hz-60 Hz

**Dimensions (W x D x H) without Stand**
- When in use: 55 23/32" x 25 25/32" x 26 3/16" (1415 mm x 655 mm x 665 mm)
- When in storage: 30 23/32" x 25 25/32" x 26 3/16" (780 mm x 655 mm x 665 mm)

**Weight without Stand**
- Approx. 220 lb (100 kg)

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

For more details please contact:

RISO, Inc.
300 Rosewood Drive, Suite 210 Danvers, MA 01923-4527
http://us.riso.com
The RISO digital duplicator prints on a much broader range of media at speeds that far exceed commonly used laser-based copiers. The RISO digital duplicator is specifically designed to handle run lengths that are too long for copiers or laser printers.

The printing capability of the EZ221U digital duplicator facilitates the handling of print jobs ranging from everyday documents and business communications to more specialized applications like forms-on-demand, business cards, and even cardstocks.

In addition, the RISO digital duplicator allows organizations to bring many previously outsourced print jobs in-house for maximum control and cost effectiveness. As a result, the EZ221U digital duplicator becomes the ultimate economical, on-demand printing solution.

Duplicate to Save Costs

The RISO EZ221U digital duplicator makes prints from a master. As a result, the more pages generated from each master the lower the cost per print, making the RISO EZ221U highly economical for mid- to large-volume printing.

Cost Effective

- Economic Printing
  Further savings can be realized when using the Ink Saving Mode to reduce ink usage when printing drafts or proofs.

- Reduce Paper Consumption
  Print two originals onto one sheet of paper using the 2Up feature.

- Versatility Supports Cost Management
  Bring specialty paper stock jobs in-house to avoid the costs of outsourced printing. The EZ221U accepts multiple paper stocks, such as newsprint, construction paper, envelopes, postcards, and recycled paper. It handles legal size as well. At 130 impressions per minute, you can double or even triple printing output without increasing printing costs.

Cost Effective

- Easy to Operate
- High Speed & Productive
- Versatile & Reliable
- Environmentally Friendly
Ease of Use

Replace Consumables with Ease
Intuitive design simplifies routine operations such as the ability to mount a new master from the front of the machine and lock/unlock ink bottles with a twist.

Convenient Master Disposal
The intuitive design makes it easy to dispose of used masters; the drawer-like box pulls out and a vertical turn and a twist of the wrist allow easy disposal of the used master.

Smart Design

1. Place the original on the glass and press the start key to make a master.

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

Speed to Print

The EZ221U can print up to a maximum of 130 pages per minute. That’s over 1,000 pages in only eight minutes.

Programmable Printing, Reduces Manual Operations
The Program Mode lets you specify the number of copies in a set (up to 9,999), and the number of sets in a group (up to 99) up to a maximum of 50 groups when printing from a single original; for multiple originals (maximum of 20), up to 9,999 copies for each is possible.

Once the job parameters are programmed, they can be stored in memory for future instant retrieval. Output is automatically organized into groups you specify, and can be further enhanced via the optional Job Separator, which raises sorting efficiency by inserting tape to mark the end of a job.

Enhanced Efficiency

Program A

<table>
<thead>
<tr>
<th>Group 1</th>
<th>Group 2</th>
<th>Group 3</th>
<th>Group 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 pages</td>
<td>30 pages</td>
<td>40 pages</td>
<td>50 pages</td>
</tr>
<tr>
<td>20 pages</td>
<td>30 pages</td>
<td>40 pages</td>
<td>50 pages</td>
</tr>
<tr>
<td>2 sets</td>
<td>1 set</td>
<td>1 set</td>
<td>2 sets</td>
</tr>
<tr>
<td>Max. 20 originals</td>
<td>Max. 9999 pages</td>
<td>Max. 99 sets</td>
<td>Max. 20 original sets</td>
</tr>
</tbody>
</table>

Program B

<table>
<thead>
<tr>
<th>Original</th>
<th>Group 1</th>
<th>Group 2</th>
<th>Group 3</th>
<th>Group 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 pages</td>
<td>30 pages</td>
<td>30 pages</td>
<td>30 pages</td>
<td></td>
</tr>
<tr>
<td>Max. 50 groups</td>
<td>Max. 9999 pages</td>
<td>Max. 999 pages</td>
<td>Max. 50 groups</td>
<td></td>
</tr>
</tbody>
</table>

Note: Approximately three times faster than a photocopier or multi-function printer when compared to a 40 ppm photocopier or MFP.
With an impressive monthly duty cycle and 130 impressions per minute the RISO EZ221U is designed to handle a range of high-volume printing needs. The machine has been rigorously tested to ensure compliance with those requirements (1,000,000 copy testing).

Green Is More Than Just a Color
RISO duplicators consume 1/6th* the energy required to run multifunction printers. Features like Auto Power OFF, Auto Sleep Modes and the ability to print on recycled stocks with soy-based ink make the EZ221U an environmentally friendly printing choice. RISO EZ series models are ENERGY STAR certified, meeting a high standard for energy-efficient output devices.

Protect Your Information
The EZ221U User Management System allows you to set up new user groups, rename, disable, limit usage, and receive usage reports*, giving you control of your printing and budgeting needs. There is also a Confidential Mode that prevents the unauthorized reprint of previously created masters.

RISO Quality System
The RISO Quality System delivers 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

Optimize Your Output
For optimal output, the EZ221U features four preset Image Processing Modes: Line, Photo, Duo (line/photo/shadow), and Pencil (darker/lighter).

Enhance Faded and Colored Originals
Select Pencil to adjust the scanning contrast and obtain optimum output quality for low-density and colored originals.

Improve Photo Images
Use Dot Process Mode for clearer photo image output.

Improve Output through PC Connectivity
RISO EZ221U provides two ways to connect to a PC. The optional USB port allows simple single-cable connection (RISO PC Interface Card USB2.0). The optional network card lets you put EZ221U on your network (RISO Network Card). Produce high-quality output with direct PC connectivity.

Increase the Retention Rate of Your Message
Spot-color enhances the appeal of your document. The print cylinder is easily removed from the main unit and replaced with the color of your choice. RISO has a wide variety of color inks (18 Standard and 62 Special Edition) as well as the capability to order Custom Colors.

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