RZ990

high-speed digital duplicator

The world's fastest digital duplicator

Productivity

Boasting ultra high-speed, exceptional print quality, productivity-enhancing features, and low operating sound and cost, the RZ990 is the flagship of all digital duplicators! The evolutionary successor to what was once known as the Risograph digital duplicator, this powerful device boasts better productivity and TCO than most any other network printer. Its unrivaled speed of 180 pages per minute and its first time to print make the RZ990 amazingly fast. The consistent high-quality output is a result of 600 x 600 dpi scanning and printing, a new graphic interface, and an enhanced paper handling mechanism. This results in high-quality images with superior solids, even at maximum speed.

Versatility

In addition to its high-speed printing capabilities and exceptional print quality, the RZ990 is extremely versatile. Because digital duplicators don't use any heat and have a short straight paper path, they can easily run a wide variety of paper stocks and sizes. With over 70 colors to choose from, you can print a variety of applications—calendars, newsletters, posters, menus, envelopes, brochures, postcards, and more—quickly and colorfully. The RZ990 also offers running costs as low as one third of a cent per page. The RZ990 is also engineered with a newly designed soundproof system, making it remarkably quiet in spite of its speed.

Simplicity at work

The RZ990 puts the power of a print shop into one, simple-to-use device. It's as easy to use as a photocopier, with far more capabilities and benefits. The RZ990 comes ready to connect to your PC or network with high-speed USB 2.0 connection, and will reproduce documents sent from a computer or scanned off its platen glass. The RZ990 also comes equipped with a built-in RISO Editor, allowing you to scan an original and easily and precisely make color separations and changes directly from the touch screen.

Features

High-Quality Ledger-Format Printing: Even at a blazing 180 pages per minute, the RZ990's 600 dpi print quality remains consistent from the start of your print job to its completion.

RISO i Quality System™: The RISO RZ990 is equipped with the RISO i Quality System. Two-way communication between RISO i Quality System-equipped printers and their supplies is made via integrated RF (Radio Frequency) tags. These tags relay information to the printer, assuring optimum first print quality and superior output throughout the entire job.

RISO

Ink and Ingenuity

integrated system controller specifications:

CPU:	SH-3 (133 MHz)
PDL:	RISORINC 3N (advance/simple)
OS:	Windows 2000, Windows XP, Windows Vista, and Mac OS 8.6-10.4
input port:	USB 2.0, Ethernet, (100BASE-TX/10BASE-T)
memory:	64MB
network protocol:	TCP/IP, NetBEUI, Apple Talk, Bonjour

RZ990 specifications

master-making/ printing methods	High-speed digital master-making/ fully automatic stencil printing
original type	Book (22 lb/10kg or less), sheet
original size/weight	When using the Stage Glass: 2″ x 3.5″ to 11.69″ x 17″ (50 x 90 mm to 297 x 432 mm), 22 lb (10 kg) or less
	When using the AF-VI (simplex ADF/option): 3.9″ x 5.81″ to 11.69″ x 17″ (100 x 148 mm to 297 x 432 mm), 14 lb bond to 34 lb bond (50 GSM to 128 GSM)
	When using the DX-1 (duplex ADF/option): 4.13″ x 5″ to 11.69″ x 17″ (105 x 128 mm to 297 x 432 mm); Single side feeding: 12 lb bond to 34 lb bond (40 GSM to 128GSM); Double side feeding: 14 lb bond to 28 lb bond (52 GSM to 105 GSM)
scanning area (max.)	11.69″ x 17″ (297 x 432 mm)
print paper size (max./min.)	3.9″ x 5.81″ to 12.6″ x 17″ (100 x 148 mm to 320 x 432 mm)
paper supply capacity	1000 sheets in feed tray and receive tray, 20 lb bond (75 GSM)
print paper weight	13 lb bond to 110 lb index (46 GSM to 210 GSM)
image processing mode	Line, Photo (Standard/Portrait/Group), Duo, Pencil
resolution	Scanning: 600 x 600dpi; Printing: 600 x 600dpi
master making time	Approximately 16 seconds (for A4/landscape/ 100% reproduction ratio)
printing area (max.)	11.4″ x 16.73″ (291 x 425 mm)
reduction/enlargement	Zoom: 50% to 200% Preset: inches: 200%, 154%, 129%, 121%, 78%, 65%, 61%, 50%; metric: 163%, 141%, 122%, 116%, 87%, 82%, 71%, 61%
	Free: Vertical 50% to 200%; Horizontal: 50% to 200%; Margin+: 90% to 99%

print speed	Approx. 60 to 180 pages per minute[*1]
print position adjustment	Vertical: 3 9/16″ (315 mm); Horizontal: 3 3/8″ (310 mm)
ink supply	Fully automatic (1000 ml (cc) per cartridge)
master supply/disposal	Fully automatic (approx. 215 sheets per roll)
master disposal capacity	100 sheets
features	LCD touch sensitive panel with Progress Arrow indicators, front-side operation, ISC (Integrated System Controller), Network Interface, RISO EDITOR, Auto-Process, Dot Process, Contrast Adjustment, Tone Curve, Ink Saving, Multi-Up Print, Book Shadow, Auto 90° Rotation, Top and Side Margin, Preview, Silent, Print Density Adjustment, Proof, Double Feed Check, Interval, Eject Wing Control, Special Paper Control, Confidential, Program, Job Memory, Reservation, Renew Page, Auto Page Renewal, Max. Scan., ADF Semi-Auto[*2], Scanning Side ADF[*3], Digital Copy Count, Rotate, Custom Paper, Protect, Energy Saving Mode, Admin, Direct Access & Selections Entry, USB 2.0, Built-in Network Card, Info. Mail, Scan Mode[*4], Storage Memory[*4], Overlay[*4], Link Print[*5], RISO i Quality System
options	Color Print Cylinders, Automatic Document Feeder, Job Separator, Key Card Counter, Special Paper Feed Kit, and PS7R-5000 Adobe® PostScript® 3™ RIP
power source	100V-120V AC, 50Hz/60Hz <7A> 220V-240V AC, 50Hz/60Hz <3A>
dimensions (w x d x h)	When in use: 55.31″ x 27.56″ x 25.98″ (1405 x 700 x 660 mm) without Stand
	When in storage: 30.51″ x 27.56″ x 25.98″ (775 x 700 x 660 mm) without Stand
weight	Approx. 254 lb (115 kg) without Stand (D type stand: 42 lb or 19 kg)

RISO, Inc. 300 Rosewood Drive, Danvers, MA 01923
Tel: 800-876-RISO (ref. 501)   http://us.riso.com

[*1] Max. Paper weight at 180 ppm limited to 14 lb to 28 lb (52 GSM to 105 GSM)
[*2] Optional Auto Document Feeder (AF-VI or DX-I) is required.
[*3] Optional Auto Document Feeder DX-I is required.
[*4] Optional Document Storage Card DM-128CF is required.
[*5] Optional Networked Laser Printer is required.

Item #MC8392