

# ComColor black FT1430



Ultra High-Speed  
Monochrome Inkjet Printers



A feature-rich lineup that is  
**environmentally-  
friendly**

**ULTRA-FAST**  
monochrome printing



Monochrome printing  
600 dpi



Print speed  
140 ppm



Print size  
Ledger



3 trays



Low energy  
consumption



Environmental  
certification

# Where environmental friendliness Cleaner and Friendlier

RISO's environmental ethos is—and always has been—to design and develop products that have the smallest possible impact on the environment throughout their lifecycles.

## Low energy consumption

- Operates on standard power
- Does not generate heat like toner printers

**290w** (During printing)

## Virtually no harmful emissions

- Low amount of VOCs\*
- No toner particle emissions

**Generates virtually  
no ozone**

## Low resource consumption

- Highly durable design means few replacement parts
- Inkjet printers do not require consumables (drum, fuser unit, etc.) like toner printers

**Less waste**

## Low TEC\*\* value

- Low energy consumption even during continuous high-speed printing
- Energy efficiency vastly superior to other printers operating at the same speed

**1.62kWh/week**

\*VOCs: Volatile organic compounds.

\*\*TEC value: Typical Electricity Consumption. This value represents electricity consumed in one week, and is based on the international ENERGY STAR standard.

## Richer and Fuller

### High-speed HS7000 Scanner

- 100 ppm (Letter LEF)
- Scan sizes up to Ledger
- Simultaneous duplex scanning
- Compatible with various file formats (PDF, PDF/A, TIFF, JPEG)

### Face Down Finisher

- ComColor finisher exclusively for offset stacking and stapling finished prints

### Additional Sheet Feeder

- 2,000-sheet capacity
- Paper is replenishable even during printing
- Easy access and loading



# and productivity unite.

## Smarter and Faster

Enjoy enhanced time efficiency, optimized TCO, and consistently high quality that only RISO can deliver.

### High speed, high productivity

- First print time of less than five seconds
- 1,000 sheets in only seven minutes

**140ppm** (Letter LEF)

### High reliability

- Simple inkjet mechanism is durable and requires few replacement parts
- Low maintenance

**Less downtime**

### High usability

- Intuitively designed user interface
- 90-degree tilt panel for easy viewing

**Simple operation**

## Lower and Higher

### High cost efficiency

- Proprietary ink and color profile development enable high quality at low running cost
- Short printing time means reduced labor and electricity costs

**Low running cost**

### High image quality

- Piezo drop-on-demand print heads
- Fast-drying oil-based ink for minimal bleeding and smearing
- New, higher black density improves visibility
- Resolution of 600 dpi

**Enhanced visibility**

### High media flexibility

- 12 lb-bond - 107 lb-bond (46 gsm - 400 gsm) (when optional accessories attached)

**Lightweight to heavyweight paper, as well as envelopes**



### Multifunction Finisher

- High processing speed : 140ppm
- Low power consumption : 520W (when attached to the ComColor FT1430 without Folder Unit)
- Stapling, punching, folding, stacking, and booklet making.

### Postscript RIP for higher productivity

- Compatible with transactional printing
  - Queue settings
  - Tray selection per page
  - Form overlay

## ComColor black FT1430 Specifications

Print Type		Line-type inkjet system	
Ink Type		Oil-based pigment ink (Black)	
Print Resolution		Standard: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction)	
Number of Gray Levels		For K color (3 gray levels)	
Data Processing Resolution		Standard: 600 dpi × 600 dpi	
Warm-up Time		2 min. 30 sec. or less (at room temperature of 73.4°F (23°C))	
First Print Time *1		5 sec. or less (A4 Long-edge Feed)	
Continuous Print Speed *2	Letter /A4 Long-edge Feed	Simplex: 140 ppm	Duplex: 70 sheets/minute (140 ppm)
	Letter /A4	Simplex: 108 ppm	Duplex: 54 sheets/minute (108 ppm)
	Legal	Simplex: 92 ppm	Duplex: 42 sheets/minute (84 ppm)
	B4 (JIS)	Simplex: 90 ppm	Duplex: 42 sheets/minute (84 ppm)
	A3	Simplex: 79 ppm	Duplex: 39 sheets/minute (78 ppm)
	Ledger	Simplex: 77 ppm	Duplex: 38 sheets/minute (76 ppm)
Paper Size	Standard Tray	Maximum: 13 3/8" × 21 5/8" (340 mm × 550 mm) *3	Minimum: 3 9/16" × 5 27/32" (90 mm × 148 mm)
	Feed Tray	Maximum: 11 11/16" × 17" (297 mm × 432 mm)	Minimum: 7 3/16" × 7 3/16" (182 mm × 182 mm)
Printable Area		Maximum: 12 3/16" × 21 13/32" (310 mm × 544 mm)	
Guaranteed Print Area *4		Standard: Margin width of 7/32" (5 mm)                      Maximum: Margin width of 1/8" (3 mm)	
Paper Weight	Standard Tray	Simplex: 12-lb bond to 56-lb bond (46 gsm to 210 gsm) *5 Duplex: 12-lb bond to 56-lb bond (46 gsm to 210 gsm) for Letter and A4 / 12-lb bond to 28-lb bond (46 gsm to 104 gsm) for Ledger, A3, Legal, B4 (JIS)	
	Feed Tray	Simplex/Duplex: 14-lb bond to 28-lb bond (52 gsm to 104 gsm)	
Paper Tray Capacity	Standard Tray	Height up to 4 5/16" (110 mm)	
	Feed Tray	Height up to 2 3/16" (56 mm) (2 trays)	
Output Tray Capacity		Height up to 2 3/16" (56 mm)	
Page Description Language		RISORINC/C IV	
Supported Protocols		TCP/IP, HTTP, HTTPS (TLS), DHCP, FTP, LPR, IPP, SNMP (SNMP v1), Port 9100 (RAW port), IPv4, IPv6, IPSec (IKEv1)	
Supported Operating Systems	Standard	Microsoft®: Windows®, Windows Server® *6	
	Optional *7	Mac: macOS *6      Linux®: Compatible with PPD only	
Network Interface		Ethernet 1000BASE-T/100BASE-TX/10BASE-Tx2 Channel	
Memory Capacity		4 GB	
Hard Disk *8	Capacity	500 GB	
	Available Space	Approx. 430 GB	
Operating System		Linux	
Power Source		AC 100-240 V, 10.0-5.0 A, 50-60 Hz	
Power Consumption		Max. 1,000 W Ready *9: 80 W or less Sleep *10: 2 W or less Stand-by: 0.4 W or less	
Operating Noise		65 dB (A) or less at printing	
Operating Environment		Temperature: 59°F to 86°F (15°C to 30°C) Humidity: 40% to 70% RH (non-condensing)	
Dimensions (W x D x H)		In use: 40 19/32" × 28 15/16" × 43 29/32" (1,030 mm × 735 mm × 1,115 mm) With cover and tray closed: 30 17/32" × 27 15/16" × 38 7/32" (775 mm × 710 mm × 970 mm)	
Weight		Approx. 291 lb (132 kg)	
Dimensions When Operating (W x D x H)		With the front cover open and the operation panel in the upright position: 46 21/32" × 48 7/32" × 43 29/32" (1,185 mm × 1,225 mm × 1,115 mm)	
Accessories		Scanner HS7000, Additional 2000 Sheet Feeder FG20, Face Down Finisher F10, Multifunction Finisher FG20/Folder Unit FG20, Auto-Control Stacking Tray II, Wide Stacking Tray, ComColorExpress RS1200C, PS Kit FG10, IC Card Authentication Kit II, Envelope Feed Kit, Card Feed Kit	

Specifications are subject to change without notice.

\*1 Within 10 minutes after the last print job.

\*2 When using plain paper and recycled paper 23-lb bond (85 gsm), and standard density setting. Chart used: Print measurement pattern [Color measurement sample 2 (JEITA standard pattern J6)]. The continuous print speed varies depending on the type of optional output equipment connected.

Face Down Finisher: [Without offset:] 140 sheets/minute (Letter-LEF /A4-LEF Simplex), [Offset output:] 115 sheets/minute (Letter-LEF / A4-LEF Simplex).

\*3 When using duplex print: 13 3/8" × 18 1/8" (340 mm × 460 mm).

\*4 The guaranteed area when printing images is the area enclosed within 7/32" (5 mm) of the edges of the paper. The margin when printing envelopes is 3/8" (10 mm)

\*5 Duplex printing is not guaranteed with thick paper the weight of which is greater than 28-lb bond (104 gsm).

\*6 For the OS version, please see the RISO Website or contact your local sales representative.

\*7 Optional PS Kit FG10 or ComColor Express RS1200C is required.

\*8 One gigabyte (GB) is calculated as 1 billion bytes.

\*9 Without printing and temperature adjustment operation.

\*10 When setting [Power Consumption (in sleep)] to [Low].



## ComColor FT Ink Cartridges

Color: Black

### Environmental Certifications



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