

ComColor black FT1430



Ultra High-Speed
Monochrome Inkjet Printers



A feature-rich lineup for
NATURE-FRIENDLY,

ULTRA-FAST
monochrome printing



Monochrome printing
600 dpi



Print speed
140 ppm



Print size
A3



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 exert 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 volumes of VOCs*
- No toner particle emissions

Generates virtually no ozone

Low resource consumption

- High-durability 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 same speed

1.21 kWh/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

- 100ppm (A4 LEF)
- Scan sizes up to A3
- Simultaneous duplex scanning
- Compatible with various file formats (PDF, PDF/A, TIFF, JPEG)

Face Down Finisher

- ComColor finisher exclusively for offset stacking, staple stapling and staple-free stapling
- Staple-free stapling can also be done while the FT printer of FDF II is in operation

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 5 seconds
- 1,000 sheets in only 7 minutes

140ppm (A4LEF)

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 600dpi

Enhanced visibility

High media flexibility

- 46gsm-400gsm
(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 23°C) | |
| First Print Time *1 | | 5 sec. or less (A4 Long-edge Feed) | |
| Continuous Print Speed *2 | A4 Long-edge Feed | Simplex: 140 ppm | Duplex: 70 sheets/minute (140 ppm) |
| | A4 | Simplex: 108 ppm | Duplex: 54 sheets/minute (108 ppm) |
| | B4 (JIS) | Simplex: 90 ppm | Duplex: 42 sheets/minute (84 ppm) |
| | A3 | Simplex: 79 ppm | Duplex: 39 sheets/minute (78 ppm) |
| Paper Size | Standard Tray | Maximum: 340 mm × 550 mm *3 | Minimum: 90 mm × 148 mm |
| | Feed Tray | Maximum: 297 mm × 432 mm | Minimum: 182 mm × 182 mm |
| Printable Area | | Maximum: 310 mm × 544 mm | |
| Guaranteed Print Area *4 | | Standard: Margin width of 5 mm | Maximum: Margin width of 3 mm |
| Paper Weight | Standard Tray | Simplex: 46 gsm to 210 gsm *5 | Duplex: 46 gsm to 210 gsm *5 for A4/46 gsm to 104 gsm for A3, B4 (JIS) |
| | Feed Tray | Simplex/Duplex: 52 gsm to 104 gsm | |
| Paper Tray Capacity | Standard Tray | Height up to 110 mm | |
| | Feed Tray | Height up to 56 mm (2 trays) | |
| Output Tray Capacity | | Height up to 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-T×2 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: 0.3 W or less | |
| Operating Noise | | 65 dB (A) or less at printing | |
| Operating Environment | | Temperature: 15°C to 30°C Humidity: 40% to 70% RH (non-condensing) | |
| Dimensions (W x D x H) | | In use: 1,030 mm × 735 mm × 1,115 mm With cover and tray closed: 775 mm × 710 mm × 970 mm | |
| Weight | | Approx. 132 kg | |
| Dimensions When Operating (W x D x H) | | With the front cover open and the operation panel in the upright position: 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 (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 (A4-LEF Simplex), [Offset output:] 115 sheets/minute (A4-LEF Simplex).
 *3 When using duplex print: 340 mm × 460 mm.
 *4 The guaranteed area when printing images is the area enclosed within 5 mm of the edges of the paper. The margin when printing envelopes is 10 mm.
 *5 Duplex printing is not guaranteed with thick paper the weight of which is greater than 104 gsm.
 *6 For the OS version, please refer to 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

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