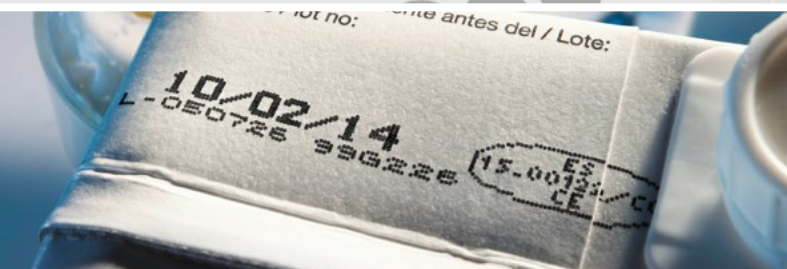


Inkjet Printer
RX-S

HITACHI
Inspire the Next

Reliable
Precise
Easy



Coding Solutions **by Hitachi**

Easy

User friendly operation

Easy operation and maintenance.

Equipment improvements in the cabinet design allows for easier access to circulation and electrical cabinets for more efficient field installations and routine preventive maintenance.

Increase in the number of registered print data

The data memory is expanded to a maximum of 2,000 types and a group management function is also provided.

Liquid crystal touch-panel display

A 10.4-inch large-sized liquid crystal touch-panel display is installed.

Improved maintenance

Ink and filter replacement can be easily executed by opening circulation cabinet front panel.

USB memory-compatible.

"Print data" can be easily backed up using commonly available USB memory.



Brighter and clear touch screen

Intuitive touch screen.

The actual print message layout is displayed on the screen (WYSIWYG display). The printer function buttons are displayed as icons to assist in understanding the button feature.

Various parameters, such as the line configuration and font size, can be easily set on a single screen.

WYSIWYG display

Print message settings are visually displayed

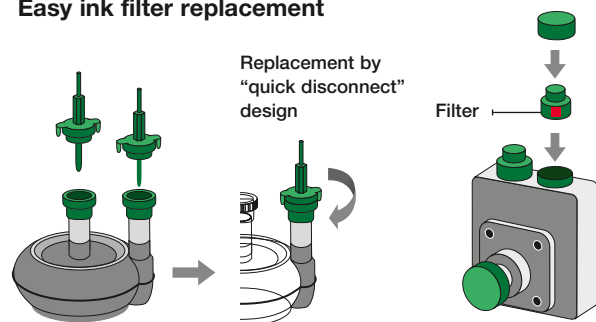


Improved ink circulation block

Filters can be easily replaced.

Printer filter assemblies can be easily accessed in the circulation cabinet front panel and replaced without use of any tools.

Easy ink filter replacement



High reliability

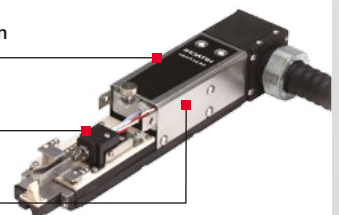
Printhead body is made of cast aluminum for more rigidity.

Printhead is durable even when subject to harsh environmental conditions, both indirectly and directly.

Improved installation characteristics
Two-way (inline/90 degrees) selection mechanism

A more efficient nozzle design to increase speed printing

Reliable: Solid aluminum frame body



Eco-friendly

AUTO power OFF function

Waiting to power OFF the printer after cleaning shutdown is eliminated.

The process between automatic nozzle cleaning and system power OFF is combined in one push button function. After daily printing is complete, the operator no longer needs to wait until after nozzle cleaning to power OFF printer.

Eco-friendly ink

Hitachi is committed to protecting our environment by providing products that are eco-friendly.

Fluids free of 'chrome-complex dye' and also ethanol-based inks are available for general purpose applications.

INNOVATION

Pursuit of high-speed and optimal print quality

Productivity is significantly improved.






High print speed capabilities allow the RX Series Printer to match production line speeds. Superior print quality is achieved by the print control engine.

Versatile Equipment Compatibility

Capable of remote connectivity with external equipment via a network function.

- RS-232C compatible transmission with speeds up to 115 kbps
- Integration with various external devices via an I/O interface (PNP/NPN)
- LAN Network integration via Ethernet, supporting multiple control protocols to meet user's specific requirements

Standard printing samples in full scale

Font Horizontal x Vertical		Standard Solution RX-SD160W		Options	
5x5		1 LINE 0123456789ABCDEF6H	3 LINE 012345678 9ABCDEF6H JKLMN0PQR	4 LINE 0123456789 ABCDEFGHIJ KLMNOPQR STUVWXYZ	5 LINE 0123456789 ABCDEFGHIJ KLMNOPQR STUVWXYZ 0123456789 ABCDEFGHIJ KLMNOPQR STUVWXYZ
5x7		1 LINE 0123456789ABCD	3 LINE 012345678 ABCDEFGHI JKLMNOPQR	4 LINE 0123456789 ABCDEFGHI JKLMNOPQR STUVWXYZ	
7x10	Standard Solution RX-SD160W	1 LINE 0123456789	3 LINE 01234567 ABCDEFGH TUVWXYZA		
10x12		1 LINE 012345	2 LINE 01234 ABCDE		
12x16		1 LINE 0123456789ABC		1 LINE 	2 LINE 0123 ABCD
18x24		1 LINE 012345 		1 LINE 	
24x32	Options	1 LINE 0123456789ABCDEF			1 LINE  

1. The print samples have been produced under ideal conditions. Print quality depends on printing speed.

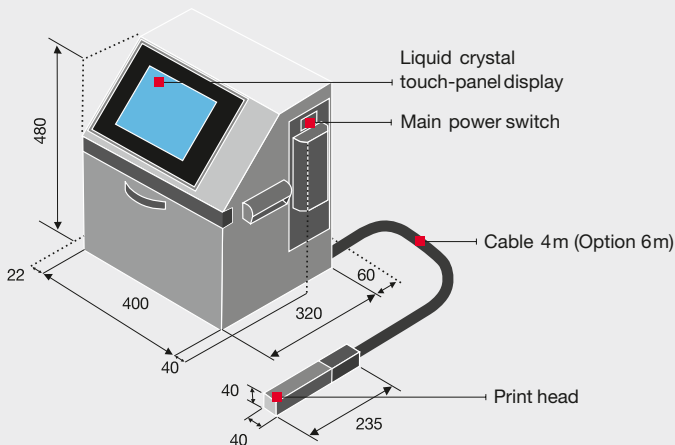
Specifications

Item		RX-SD160W	
Nozzle size		65 µm	
Max. print line number		Up to 3 lines (option: up to 5 lines)	
Maximum number of print characters		Up to 120 characters (option: up to 1,000 characters)	
Number of lines		Standard	Option
Font	4 × 5	–	up to 5
	5 × 5	1–3	up to 5
	5 × 7(8), 9 × 7(8)	1–3	up to 4
	7 × 10	1–3	–
	11 × 11	1–2 (Chinese only)	–
	10 × 12	2	–
	12 × 16	1	up to 2
	18 × 24	1	–
	24 × 32	–	1
Character height		0.08–0.39 inches/2–10 mm	
Maximum print rate (characters per second) (font 5 × 5, space 1, 1 line)		Up to 1,256 (option: up to 2,513)	
Barcode printing		Code39, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E, code128/EAN-128, EAN-13 Add-On 5, GS-1 DataBar	
2D code printing		Option: data matrix (alphabet: 49 characters/numerals: 98 characters), QR code, Micro QR code	
Message storage capacity		48 messages (option: up to 2,000 messages (depends on data content))	
Data interface		RS-232C at baud rates selectable up to 115,200bps (option: Ethernet)	
Environmental protection		IP 55	
Display & input device		WYSIWYG design; display: TFT LCD (10.4" color), backlight provided; input device: touch panel, input sound provided	
Screen language 2 language selectable		English, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Danish, Greek, Russian, Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian available. Option: Chinese, Korean	
Standard characters		Alphanumeric (A–Z, a–z, 0–9), symbols (27), space: total 90	
Logo		Each dot matrix 200 patterns	
Print functions		Calendar, Count, Font mixture, Passwords security, etc.	
Input signal		Print target detection, Printing stop, Rotary encoder pulse, Reciprocal printing, Remote control (Run, Stop, High-voltage ON/OFF, Reset), (NPN/PNP Selectable)	
Output signal		Print in progress or Print complete, Online (NPN/PNP Selectable), Print ready, Fault, Warning (NPN Only)	
External memory		USB for user data storage	
Head cable length/angle		13.1ft/4 m (inline/90 degrees) (RX-SD160W-6M = 6 m cable)	
Operating temperature range		32–113 °F/0–45 °C (JP-K69 Ink)	
Humidity range		30–90 % R.H. (no condensation)	
Power supply (automatic voltage selection)		AC100–120/220–240V ± 10 % 50/60 Hz 150 VA (AC Inlet)	
Approval		CE, UL, cUL, C-Tick, FCC, ICES	
Size cabinet only (W × D × H)		15.7 × 12.6 × 18.9 inches / 400 × 320 × 480 mm	
Approximate weight		55 lbs/25 kg	

Options: Barcode Reader Connection, Special Communication Function, External Signal Function

- Hitachi Industrial Equipment Systems Co., Ltd. (Hitachi) shall not be liable for any manufacturing loss, or any product damage due to trouble or malfunction of the ink jet printer.
- Hitachi continually improves products. The right, therefore, is reserved to alter the design and/or specifications without giving prior notice.

Dimensions of console and print head (Unit: mm)



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Registration number: JACO-EC99J2009
 Registration date: July 22, 1996

The Marking and Hoist Systems of Hitachi Industrial Equipment Systems Co., Ltd. obtained ISO 14001 certification, an international standard for environmental management systems.



Registration number: JQA-QMA12087
 Registration date: April 1, 2005

The Marking and Hoist Systems of Hitachi Industrial Equipment Systems Co., Ltd. obtained international standard ISO 9001 certification for the quality assurance of the hoist motor block contained in this brochure.