HITACHI
Inspire the Next

Inkjet Printer
RX Series

STANDARD MODEL

Product superiority, reliability and innovative technology are captured with our signature new generation Continuous Inkjet Printer.

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The Hitachi RX Series Industrial small character high speed printer, is a non-contact marking system that can print variable product information. The RX Series is capable of marking and coding various product materials such as metal, plastic, rubber, film and paper while offering the consumer superior reliability, performance, and print quality.

INNOVATION 1 | Ease of Operation

User friendly operation
Easy operation and maintenance.

Design improvements in the cabinet allow for easier access to the circulation and electrical areas, resulting in more efficient field installation and preventive maintenance.

[Increased message storage] The memory is expandable to allow a maximum of 2,000 individual messages. User level message management is also available.

[USB memory-compatible] "Print data" can be easily backed up using commonly available USB memory.

[Improved maintenance] Ink and filter replacement is made easier, due to an innovative design.

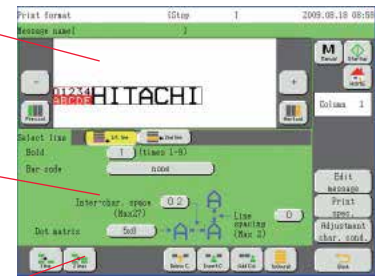### Brighter and clearer touch screen
Intuitive touch screen.

Print messages are displayed on the screen via WYSIWYG (what you see is what you get) display. The printer function buttons are displayed as icons to assist in understanding the button's functionality.

[Liquid crystal touch-panel display] A fixed 10.4 inch large LCD touch panel display

WYSIWYG display

Print message settings are visually displayed

Various parameters, such as the line configuration and font size, can be easily set on a single screen.
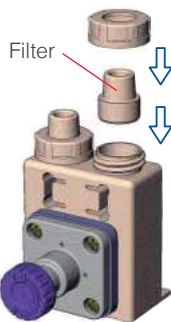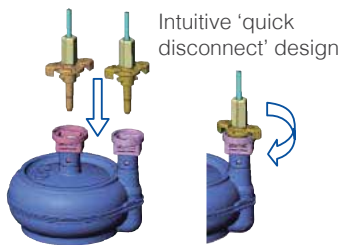
Improved ink circulation block
Filters can be easily replaced.

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

Easy ink filter replacement

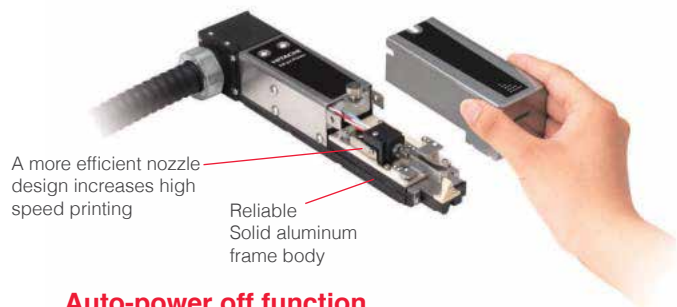Intuitive 'quick disconnect' design

Filter

Higher reliability
Printhead is made of cast aluminum body resulting in increased rigidity.

Printhead is durable even when subject to harsh environment conditions.

Improved installation options: In-line OR 90 degree configuration can be utilized in the same printhead.

A more efficient nozzle design increases high speed printing

Reliable Solid aluminum frame body

Eco-friendly and various ink type options
Hitachi is committed to protecting our environment by providing products that are eco-friendly.

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

Auto-power off function
Waiting to power OFF the printer after shutdown is no longer necessary.

The RX-S features an automatic nozzle cleaning and power shut down cycle, with one simple push button. After daily printing is complete, the operator no longer waits through the cleaning cycle to power OFF printer. The operator can simply walk away.

INNOVATION 2 | Flexible Installation Package

Enclosure rated for industry standard dust and water protection (IP55)
An excellent dust-proof and drip-proof structure is provided.

The RX Series Standard Model conforms to industry standard dust and water protection (IP55) of the IEC international safety standards. It is also optimally suited for the production of beverage, food, and pharmaceutical products because of its highly corrosion-resistant stainless steel body. The applicable temperature range is 32 to 113°F/0 to 45 (JP-K67, JP-K69 ink).

INNOVATION 3 | Versatile Equipment Compatibility

Capable of remote connectivity with external equipment

- RS-232C compatible transmission speed up to 115kbps. (Ethernet optional)
- Flexible connection to external devices by using an I/O interface for PNP/NPN.
- LAN communication available through network connection Ethernet (Option).
- Supports easy system integration by supporting multiple control protocols.

*Ethernet is the product name of Xerox Corporation in America

New Concept IJP

The key words for the Hitachi Industrial IJ Printer RX Series are:

RELIABLE — Reliability is achieved due to Hitachi's vast experience in producing CIJ printers (Since 1975)

PRECISE — Accurate and precise printing even at high speed.

SIMPLE — Touch panel operation and easy maintenance.

STANDARD PRINTING SAMPLES (Full Scale)

*1. The print samples are produced under ideal conditions. Print quality depends on printing speed.
*2. 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.
*3. Hitachi continually improves products. The right, therefore, is reserved to alter the design and/or specifications without giving prior notice.

Standard Specification

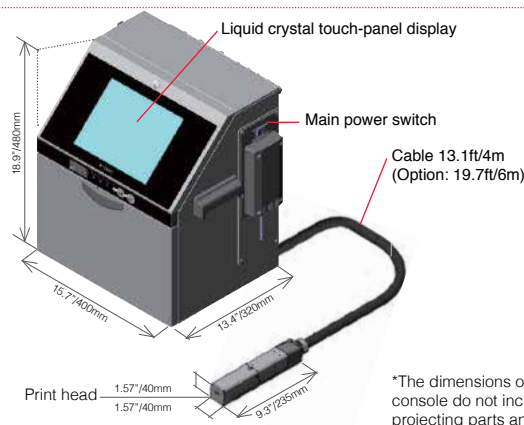| Item		Model
		RX-SD160W
Nozzle size		65μm
Max. print line number		Up to 3 lines (Option: Up to 5 lines)
Maximum number of print characters		Up to 120 characters (Option: Up to 1,000 characters
Font (Horizontal x Vertical)	4x5	Option: ✓
	5x5	✓
	5x7 (8), 9x7 (8)	✓
	7x10	✓
	11x11	✓ (Chinese only)
	10x12	✓
	12x16	✓
	18x24	✓
	24x32	Option: ✓
Character height		0.08-0.39 inches / 2-10 mm
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, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Danish, Greek, Russian, Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian available
Maximum print rate (character per second) (Font 5x5 space 1, 1 line		Up to 1,256 (Option: Up to 2,513)
Standard characters		Alphanumeric (A-Z, a-z, 0-9), symbols (27), space: Total 90
User pattern		Each dot matrix 200 patterns
Print functions		Calendar, Count, Font mixture, Password security, etc.
Barcode printing		code 39, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E, code128/EAN-128, GS-1 DataBar
2D code printing		Option: Data Matrix (Alphabet: 49 characters/Numerals: 98 characters), QR, Micro QR code
Message storage capacity		48 messages (Option: Up to 2,000 messages [depends on data content])
Input signal		Print target detection, Printing stop, Rotary encoder pulse, Reciprocative 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)
Data interface		RS-232 at baud rates selectable up to 115,200bps (Option: Ethernet)
External memory		USB for user data storage
Head cable length / angle		13.1ft/4m (inline/90 degrees), (Option: 19.7ft/6m)
Operating temperature range		32 −113°F / 0-45°C (JP-K67, JP-K69 Ink)
Humidity range		30 – 90% R.H. (no condensation)
Power supply (Automatic voltage selection)		AC100 −120/220 – 240V±10% 50/60Hz 150VA (AC Inlet)
Approval		CE, UL, cUL, C-Tick, FCC, ICES
Overall size (Width x Depth x Height)		15.7 x 13.4 x 18.9 inches 400x340x480mm
Environmental protection		IP55
Approximate weight		55lbs / 25kg

Options

- Barcode Reader Connection
- Special Communication Function A
- External Signal Function A
- Ethernet

Visit www.hitachi-america-us/inkjetprinters/ or call (704) 972-9879

Dimensions of console and print head

Console

- Liquid crystal touch-panel display
- Main power switch
- Cable 13.1ft/4m (Option: 19.7ft/6m)
- 18.9"/480mm
- 15.7"/400mm
- 13.4"/320mm
- Print head 1.57"/40mm 1.57"/40mm
- 9.3"/235mm

*The dimensions of the console do not include projecting parts and controls.

For more information, please contact your nearest sales representative:

Hitachi Industrial Equipment

Hitachi Industrial Equipment Systems Co., Ltd.
Hitachi America, Ltd.