Inkjet Printer
RX2

HITACHI
Inspire the Next

Reliable.
Robust.
Flexible.

User friendly operation
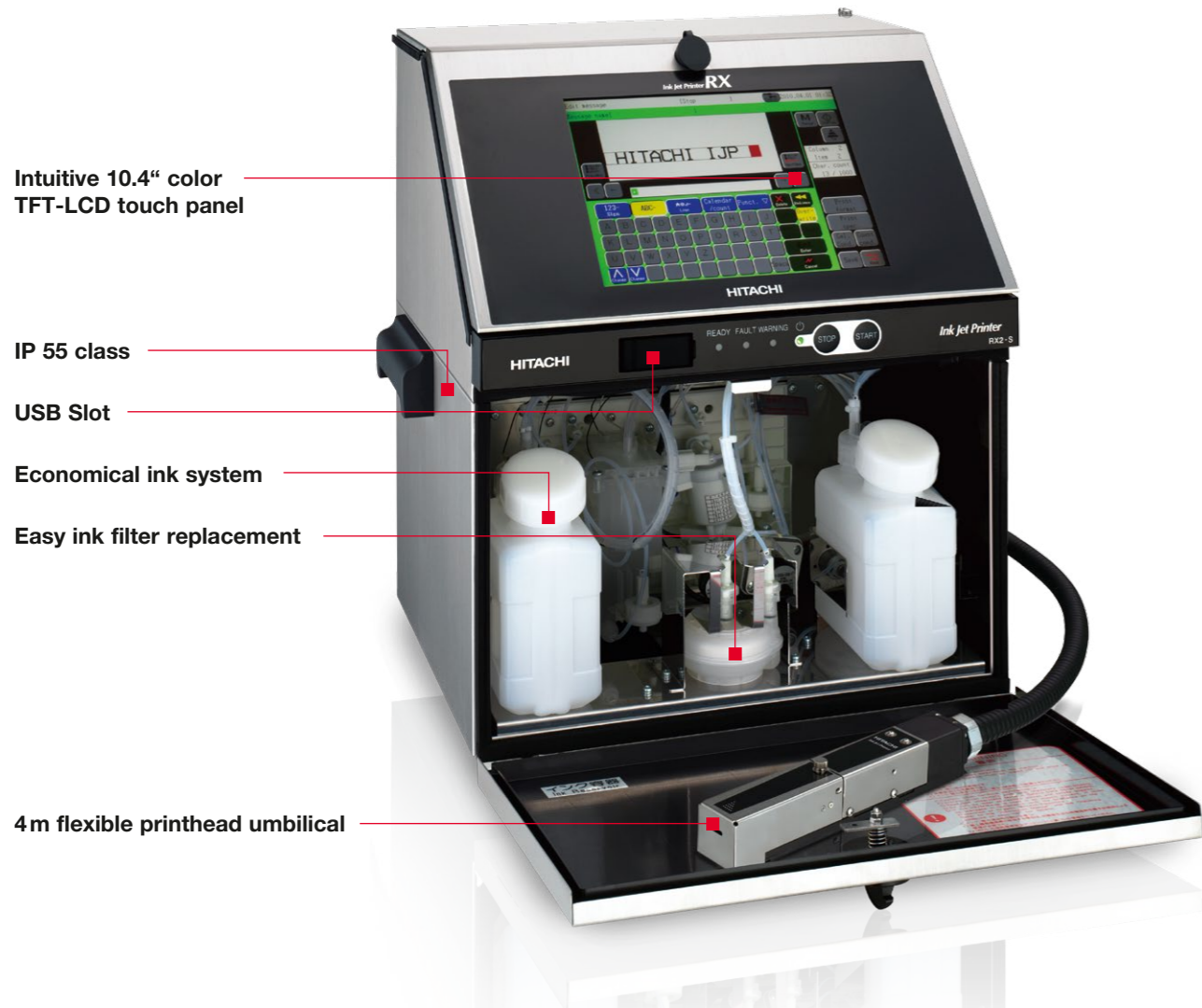
- **Intuitive 10.4" color TFT-LCD touch panel**
- **IP 55 class**
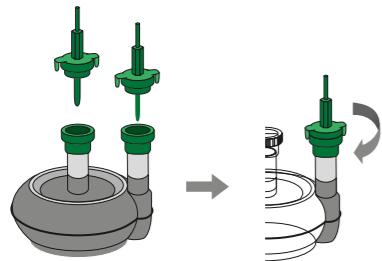- **USB Slot**
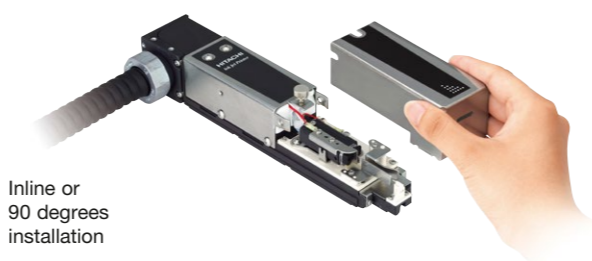- **Economical ink system**
- **Easy ink filter replacement**
- **4 m flexible printhead umbilical**

"Quick disconnect" design

High reliability

Inline or 90 degrees installation

Reliable. Precise. Easy.

For 40 years, Hitachi has developed and produced high performance ink jet printers based on the well-proven Continuous Ink Jet (CIJ) principle for industrial marking.

Higher speeds, increasingly varied substrates and the requirement for environmentally sound solutions have driven the development of our market-leading CIJ printers. The experience and knowledge gained through the installation of more than 100,000 printers worldwide has led to the introduction of our new RX2 series.

Applications
The technologically advanced RX2 printer is ideal for a wide range of applications. It is capable of applying best before dates, logos, barcodes, lot numbers and data matrix codes. Hitachi's RX2 really is the perfect solution for both complex and standard applications.

High reliability
All functionally critical parts are manufactured in-house. The use of Hitachi's own components reinforces the high quality levels, reliability and excellent value for money offered by the RX2. The RX2's printhead is produced from cast aluminium body specially designed for use in extremely harsh environments and to facilitate easy cleaning, low maintenance and long-lasting operation.

Flexible integration
The RX2 is easy to integrate in to existing production lines and networks. The print head can be easily installed either inline or at 90 degrees to meet any requirement. The stainless steel cabinet offers IP55 dust & drip proof protection and usual interfaces are standard features of Hitachi CIJ printers.

Intuitive operation
The RX series offers intuitive and comfortable operation on a 10.4" color TFT-LCD touch panel display. All printer functions are displayed as icons for easy navigation.

Cost-effective
The economical ink system and the very low maintenance costs minimize the overall total cost of ownership. The "quick disconnect" design of the main ink filter allows easy replacement by the customer, without any tools. Hitachi CIJ printers are also well known for long service intervals.

Hitachi Service
Even the highest quality printers need to be professionally installed, serviced and maintained. With our worldwide network of more than 110 partners, our customers are never far away from highly efficient and competent support.

Specifications

Item	RX2-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 1,148 (option: up to 2,296)
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 115,200 bps (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, Slovenian available. Option: Chinese, Korean, Japanese
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, 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)
External memory	USB for user data storage
Head cable length / angle	13.1 ft / 4 m (inline / 90 degrees) (RX-SD160W-6M = 6 m umbilical 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 150VA (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

1. 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.
2. 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)

Liquid crystal touch-panel display
Main power switch
Umbilical cable 4 m (Option 6 m)
Print head

480
22
400
320
60
40
40
40
235

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