

# Ink Jet Printer **RX Series** **Basic Model**

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

Reliable

Precise

Simple

## 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.

### [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.

### [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.

## New Concept IJP

The key words for the Hitachi industrial IJ Printer RX Series are: "Reliable", "Precise", and "Simple".

Reliable: Reliability backed with long history and experience.

Precise: Accurate and precision printing even at high-speed.

Simple: Touch panel operation and easy maintenance.



## Versatile Equipment Compatibility

### Capable of remote connectivity with external equipment.

- RS-232C compatible transmission speed up to 115kbps. (Option)
- Usable for various external devices by using an I/O interface for PNP/NPN.

## Standard Specification

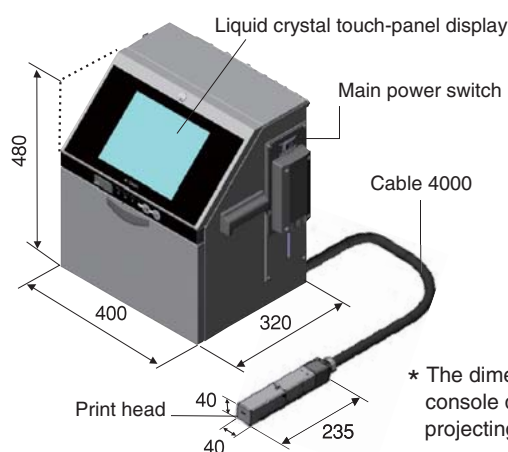
| Item   |               | Model  |
|--|---------------|--|
|  |               | RX-BD160W  |
| Nozzle size  |               | 65µm   |
| Max. print line number   |               | Up to 3 lines  |
| Maximum number of print characters   |               | Up to 60 characters  |
| Font<br>(Horizontal x Vertical)  | 5x5           | ✓  |
|  | 5x7(8),9x7(8) | ✓  |
|  | 7x10          | ✓  |
|  | 11x11         | ✓ (Chinese only)   |
|  | 10x12         | ✓  |
|  | 12x16         | ✓  |
|  | 18x24         | ✓  |
| Character height   |               | 2–10 mm  |
| Display & input device   |               | WYSIWYG design<br>Display: TFT LCD (10.4" color), backlight provided<br>Input device: Touch panel, input sound provided  |
| Screen language<br>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<br>(character per second)<br>(Font 5x5, space 1, 1line) |               | Up to 837  |
| Standard characters  |               | Alphanumeric (A–Z, a–z, 0–9), symbols (27), space : Total 90   |
| User pattern   |               | Each dot matrix 50 patterns  |
| Print functions  |               | Calendar, Count, Font mixture, Password security, etc.   |
| Message storage capacity   |               | 24 messages  |
| Input signal   |               | Print target detection, Rotary encoder pulse (NPN/PNP Selectable)  |
| Output signal  |               | Print ready, Fault, Warning (NPN Only)   |
| Data interface   |               | Option (RS-232C at baud rates selectable up to 115,200bps)   |
| External memory  |               | USB for user data storage  |
| Head cable length / angle  |               | 4m (inline/90 degrees)   |
| Operating temperature range  |               | 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)                                      |               | 400x340x480mm  |
| Environmental protection   |               | IP55   |
| Approximate weight   |               | 25kg   |

## Options

- Remote control
- Reciprocation printing
- Printing stop
- Print in progress or Print complete
- Online

## Dimensions of console and print head (Unit: mm)

### Console



Information in this brochure is subject to change without notice.

## Hitachi Industrial Equipment Systems Co., Ltd.

For further information, please contact your nearest sales representative.



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

The Marking Systems and Hoist Systems Division (Taga Division) 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 Systems and Hoist Systems Division (Taga Division) 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.