

## Standard Specification

Item	Small characters	
	UX-B160WG	
Nozzle size	65µm	
Max. print line number	Up to 3 lines	
Maximum number of print characters	Up to 240 characters (Option: Up to 1,000 characters)	
Font (Horizontal x Vertical)	5x5	✓
	5x7(8), 9x7(8)	✓
	7x10	✓
	10x12	✓
	12x16	✓
	18x24	✓
Character height	2-10 mm	
Display & input device	WYSIWYG design	
	Display: TFT LCD (10.4" monochrome), backlight provided Input device: Touch panel, input sound provided	
Screen language	English	
Maximum print rate (Characters per second) (Font 5x5, space 1, 1 line)	Up to 1,148	
Standard characters	Alphanumeric ( A-Z, a-z, 0-9 ), symbols (27) and space: Total 90	
User pattern	50 patterns each for dot matrix	
Print functions	Calendar, Count, Font mixture, Password	
Message storage capacity	150 messages	
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	4m (in-line/90 degrees)	
Operating temperature range	10-45°C (1067K Ink)	
Operating humidity range	30-90% RH (No condensation)	
Power supply (Automatic voltage selection)	AC100-120/220-240V±10% 50/60Hz 120VA	
Approval	BIS	
Dimensions (Width x Depth x Height)	400 x 320 x 527 mm	
International protection	IP55	
Approximate weight	25kg	

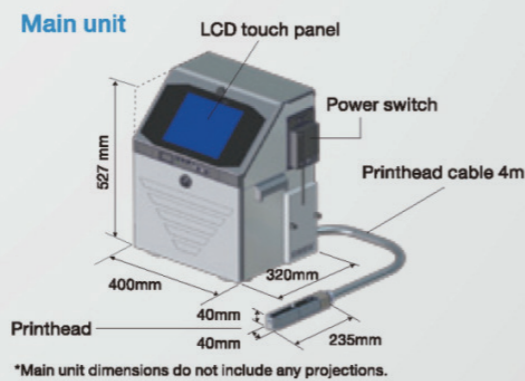
\*\* Ink types and temperature are limited.



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 Ink Jet Printer contained in this brochure.

### Main unit/Printhead dimension



Information in this brochure is subject to change without notice.

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

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Inspire the Next

Ink Jet Printer

# UX-B160WG



# The world leader in coding

Hitachi, which manufactured the first Japanese industrial inkjet printer in 1975, has boasted of a high achievement worldwide ever since, not to mention the Japanese market, as a reliable and leading brand of coding.



## Made in Japan

Hitachi industrial IJ printers are manufactured with the know-how and technology that have been accumulated since 1975 in Hitachi City where Hitachi was first founded.

After production, all printers have to pass Hitachi's strict quality management before shipment. We provide quality products to our customers worldwide.



## Use of cartridge-type ink and makeup makes the printer easier to use, more convenient, and more resource saving

### Easy

Easy and quick replacement of ink and makeup cartridges without "getting your hands dirty" or "ink spillage".

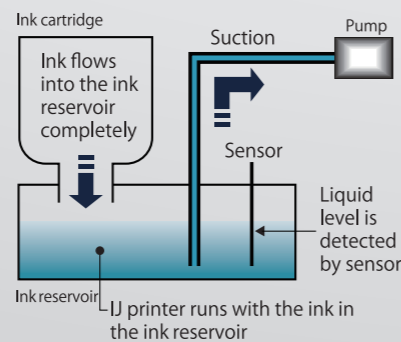


### Resource saving

Eco-friendly because the ink and the makeup fluid in the cartridge can be consumed right up to the last drop.

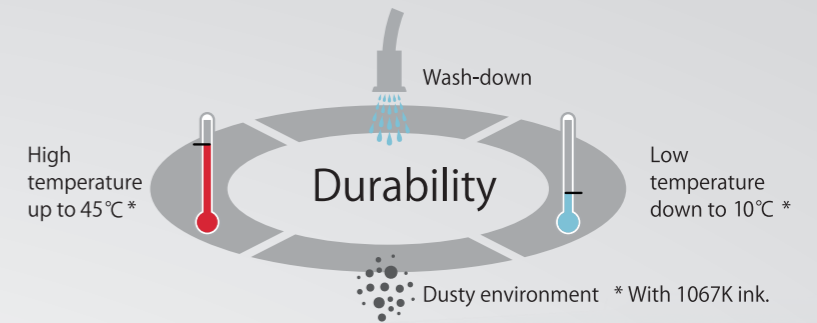


It is not necessary to stop the production line to replace the cartridges. An eco-system of a simple cartridge-type bottle can be replaced after the ink or makeup fluid is completely consumed and is also easily disposed of.



## Designed for harsh environments

The stainless steel cabinet offers IP55 and allows a wash-down with pressured water and industrial detergent, to meet any environment and hygiene requests. The UX Series with IP55 protection is the ideal choice for applications in the meat and dairy sectors.



## Excellent printhead shape

Tapered shape at the tip of the printhead reduces the distance between the work and the printhead.

Printing to the lower position is now made possible.

The printhead with anti-corrosion plating keeps working in severe environment.

\* Corresponding models: For small characters and high-speed printing

