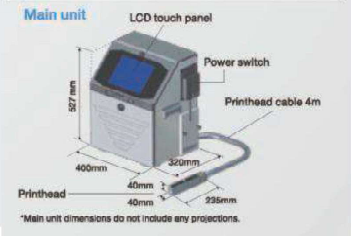
Standard Specification

Item		Small characters
		UX-D160WG
Nozzle size		65μm
Max. print line number		Up to 6 lines
Maximum number of print characters		Up to 240 characters (Option: Up to 1,000 characters)
Font (Horizontal x Vertical)	4x5	✓
	5x5	✓
	5x7(8), 9x7(8)	✓
	7x10	✓
	10x12	✓
	12x16	✓
	18x24	✓
	24x32	✓
	30x40	✓
	36x48	✓
Character height		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		English
Maximum print rate (Characters per second) (Font 5x5, space 1, 1 line)		Up to 1,148 (Option: Up to 2,563 **)
Standard characters		Alphanumeric (A-Z, a-z, 0-9) , symbols (27) and space: Total 90
User pattern		200 patterns each for dot matrix (50 patterns for 30×40 and 36×48 fonts)
Print functions		Calendar, Count, Font mixture
Barcode printing		code39, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E, code128/EAN-128, GS-1 DataBar
2D code printing		Data Matrix (Alphabet: 49 characters/Numerals: 98 characters), QR, Micro QR code
Message storage capacity		300 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-232C at baud rates selectable up to 115,200bps (Option: Ethernet (Modbus communication))
External memory		USB for user data storage
Head cable length / angle		4m (in-line/90 degree)
Operating temperature range		0-50°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		CE, UL, cUL, C-Tick, FCC, ICES
Dimensions (Width x Depth x Height)		400 x 320 x 527 mm
International protection		IP65
Approximate weight		27kg

** Ink types and temperature are limited.

Main unit/Printhead dimension



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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.

HITACHI
Inspire the Next

Ink Jet Printer
UX-D160WG

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 thathave been accumulated since 1975 in Hitachi City where Hitachi was first founded.
After production, all priters 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".

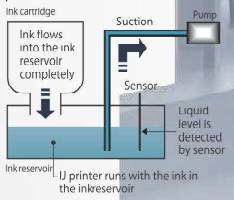
Resource saving

Eco-friendly because the ink and the makeup fluid in thecartridge 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.

Convenient

Icons on the screen indicate remaining amount of the ink and makeup. They also indicate the proper time for cartridge replacement, which further improves usability.



Designed for harsh environments

The stainless steel cabinet offers IP65 and allows a wash-down with pressured water and industrial detergent, to meet any environment and hygiene requests. The UX Series with IP65 protection is the ideal choice for applications in the meat and dairy sectors.

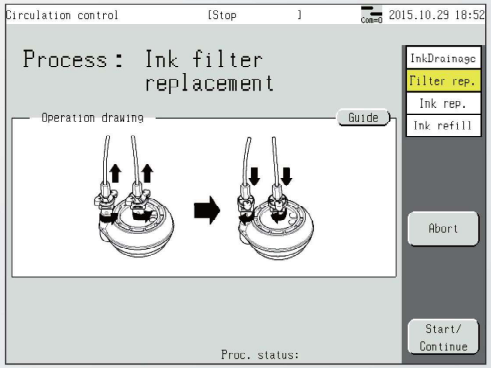
Excellent printhead shape

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

Totally-new user interface!

Intuitive operations with a new readily-understandable screen design is now adopted. Most of the operations can be completed on one screen with a simplified and well-arranged design. Complicated operations are not required to obtain the necessary information thereby improving usability.

Troubleshooting and maintenance guides using plain illustrations

The necessary operations will be displayed on the screen using illustrations when the ink filter needs replacement or when troubleshooting or maintenance is needed.
Comprehensive illustrations help to maintain the quality.