

Inkjet Printer
UX Series

HITACHI
Inspire the Next



Coding Solutions **by Hitachi**

Efficient



Clean & Easy Cartridge System

With our smart consumable cartridge system mistakes are no longer possible. No risk printing with the wrong ink or plugging in the wrong cartridge. The new cartridges can easily be replaced while the printer is running and ensures no production downtime.



- No ink spillage
- Usage until the last drop
- Eliminates consumable management errors



Easy to use



Unique simplified user interface

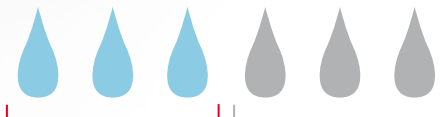
Our new, icon-based 10.4 inch full colour touch panel provides an easy and straightforward navigation. Icons indicate ink level and efficient consumable replacement.

- Enhanced user intuitiveness
- Mistake-proof operation
- WYSIWYG design



Total Costs of Ownership

Using the latest patented Hitachi technology the Premium model includes a new Fluid Consumption Reduction System designed to offer much lower operating costs. With this new system the UX Series has one of the lowest solvent usages in the market which helps mastering the TCO.

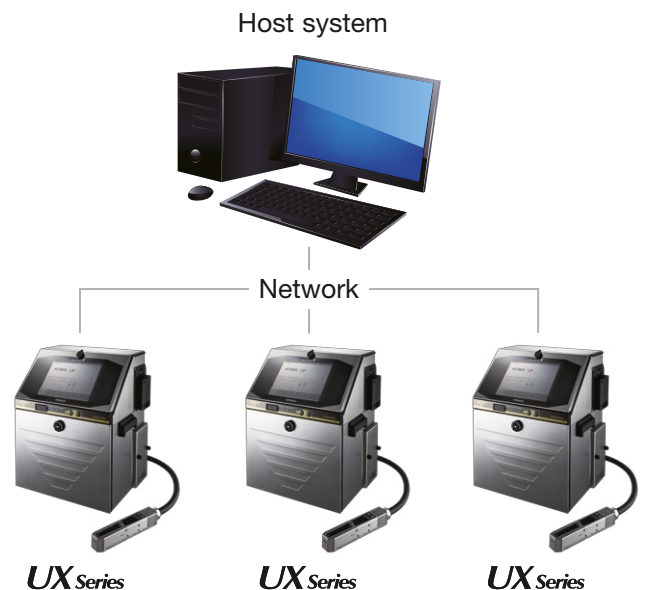


- Optimization of make-up consumption
- Up to 50% reduction possible



Network Integration

Ethernet as standard saves wiring, while strengthened network compatibility allows easier system construction, and collective management via the host system enables two or more devices to be networked easily.



Flexible



Print Head

The new ergonomically designed print head is ideal for printing on containers such as milk and juice cartons. Our new print technology allows up to six-line printing. High-speed single line printing of excellent quality is also possible.

- 6 line printing
- High speed single line printing
- Ergonomically designed

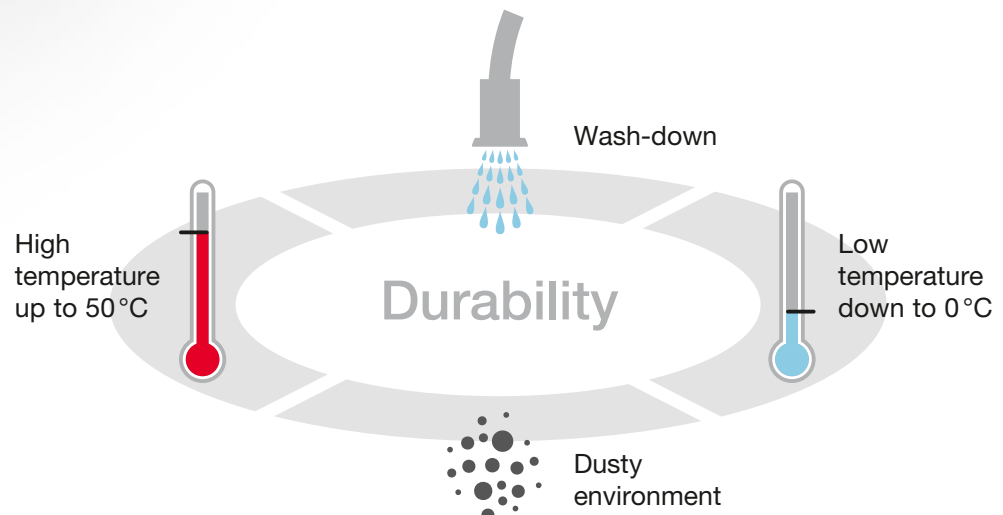


6 line printing
full size









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.



Standard printing samples (full scale)

Font (Horizontal x Vertical)		UX-B160W			UX-E160W UX-D160W	
UX-B160W	5x5	小	0123456789ABCDEFGH	012345678	012345678 ABCDEFGHI JKLMNOPQR	6LINE 0123456789 ABCDEFGHIJKL MNOPQRST UVWXYZ 0123456789 ABCDEFGHIJKL MNOPQRST UVWXYZ
		大	012345678	ABCDEFGHI	JJKLMNOPQR	
	5x7	小	0123456789ABCD	012345678	012345678 ABCDEFGHI JKLMNOPQR	4LINE 0123456789 ABCDEFGHIJKL MNOPQRST UVWXYZ
		大	0123456	ABCDEFGHI	JJKLMNOPQR	
	7x10	小	0123456789	01234567	0123456789012345678 ABCDEFGHIJKLMN OPQRSTUVWXYZ	3LINE 0123456789012345678 ABCDEFGHIJKLMN OPQRSTUVWXYZ
		大	012345	ABCDEFGH		
10x12	小	0123456789ABCD		2LINE 01234567890 ABCDEFGHIJK		
	大	0123456789				
12x16	小	0123456789ABC アイウエオカキクケコ			2LINE 01234 ABCDE	
	大	0123456	01			
18x24	小	0123456789 				
	大	0123456ABC 		0A 		
24x32	小	0123456789ABCDEF				
	大	012345				
30x40	1LINE	012345ABCDEF				
36x48	1LINE	012345ABCD				

The print samples have been produced under ideal conditions. Print quality depends on printing speed.



Reliability

Hitachi products are renowned for being extremely reliable in harsh environments. 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.



Service worldwide

Even the highest quality printers need to be professionally installed, serviced and maintained. With Hitachi's worldwide network of more than 110 partners, customers are never far away from highly efficient and competent support. The highly qualified network offers our globally operating customers access to trained sales and service teams.

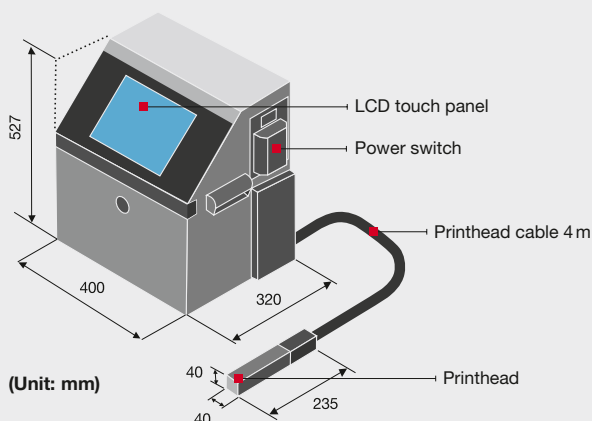


Hitachi Series		UX-B160W	UX-D160W	UX-E160W
Nozzle size		65 µm		
Max. print line number		3 lines	Up to 6 lines	Up to 6 lines
Maximum number of print characters		Up to 240 characters	Up to 240 characters (Option: Up to 1,000 characters)	Up to 1,000 characters
Font (Horizontal × Vertical)	4 × 5	-	✓	✓
	5 × 5	✓	✓	✓
	5 × 7(8), 9 × 7(8)	✓	✓	✓
	7 × 10	✓	✓	✓
	11 × 11	✓ (Chinese only)	✓ (Chinese only)	✓ (Chinese only)
	10 × 12	✓	✓	✓
	12 × 16	✓	✓	✓
	18 × 24	✓	✓	✓
	24 × 32	-	✓	✓
	30 × 40	-	✓	✓
36 × 48	-	✓	✓	
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 (2 languages 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 – Option: Japanese, Chinese, Korean		
Maximum print rate (characters per second) (Font 5 × 5, space 1, 1 line)		Up to 1,148	Up to 1,148 (Option: Up to 2,296)	Up to 2,296
Standard characters		Alphanumeric (A–Z, a–z, 0–9), symbols (27) and space: Total 90		
User pattern		50 patterns each for dot matrix	200 patterns each for dot matrix	
Print functions		Calendar, Count, Font mixture, Password		
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		150 Messages	300 Messages (Option: Up to 2,000 messages (depends on data content))	2,000 Messages (depends on data content)
Input signal		Print target detection Rotary encoder pulse (NPN/PNP Selectable)	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 ready, Fault, Warning (NPN Only)	Print in progress or Print complete, Online (NPN/PNP Selectable), Print ready, Fault, Warning (NPN Only)	
Data interface		Option (RS-232C at baud rates selectable up to 115,200 bps)	RS-232C at baud rates selectable up to 115,200 bps	
Ethernet (Modbus communication)		-	IEEE802.3, 100BASE-T	
External memory		USB for user data storage		
Printhead cable length/angle		4 m in line (Option: 90 degrees, 6 m cable length)		
Operating temperature range		0–50 °C Ink dependent		
Operating humidity range		30–90 % RH (no condensation)		
Power supply (Automatic voltage selection)		AC100–120/220–240V ± 10 % 50/60 Hz 120VA		
Approval		CE, UL, cUL, C-Tick, FCC, ICES		CE, C-Tick
Dimensions (Width × Depth × Height)		400 × 320 × 527 mm		
International protection (Cabinet)		IP 55	IP 65	
Approximate weight		27 kg		

Options: Barcode Reader Connection, Special Communication Function, External Signal Function

- 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.
- 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



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