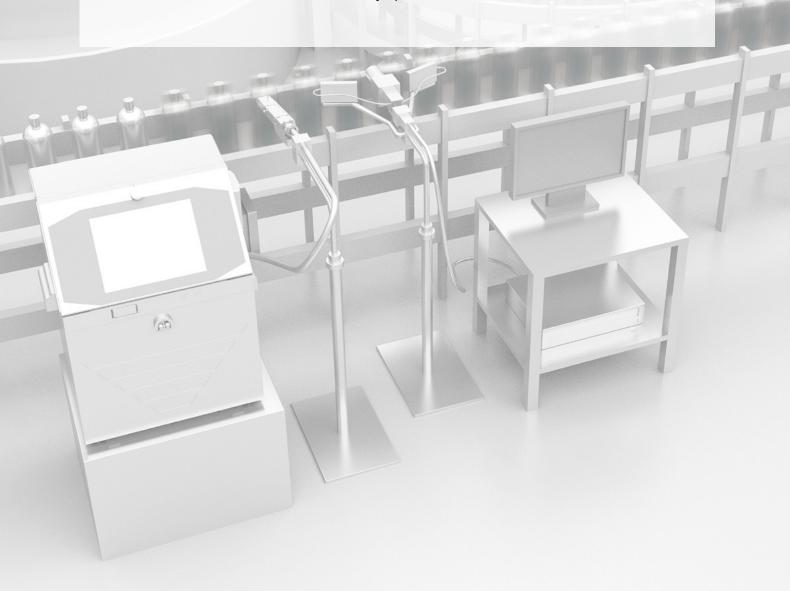




For over 40 years, Hitachi has developed and produced high-performance ink jet printers based on the well-proven Continuous InkJet (CIJ) principle for industrial marking.

Hitachi Industrial IJ printers are high-speed printers adopting a non-contact printing method, ideal for a wide range of applications. They are capable of applying best before dates, logos, barcodes, lot numbers and data matrix codes, which makes the new UX-Series the perfect solution for both complex and standard applications.

The UX-Series is a global model with highly evolved "Reliability", "Efficiency", Ease of Use" and even "Eco-friendly" performance.



About the UX Series

High 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.

Cost-effective

The new economical ink recovery technique achieves industry-leading levels of make-up consumption and the very low maintenance costs minimise the total cost of ownership.



Global sales & service network

Are you looking for a proven global company that can work with you at a local level? Hitachi offers a global sales and service network when marking, coding and traceability challenges demand a coordinated answer. For each of your locations, and across your entire organization we will champion your goals by providing international consistency, global perspective, broad expertise and coordinated service with dedicated contacts. Our global team applies its worldwide technical expertise to your unique challenges in a

consistent way. Tangible deliverables and proven solutions are results of our business analysis and project implementation. Mechanical integration supported by 3D CAD design, electrical schematics, customized circuits, application specifications and customized documents. In addition, cross-border project management and coordination between suppliers, OEM's and end-users are part of our deliveries. You gain more visibility and save time and money.



Simplicity

Mess-free, Mistake-proof Fluid Refills



Intelligent fluid cartridges reduce the possibility of hazardous fluid spills during refill. Shaped differently, the lnk and Make-up cartridges are easily identifiable as well as sized to fit in each respective receptacle.



RFID Recognition



Error reduction is key to increased uptime and that's why the UX Series now features RFID* Recognition for ink and make-up replacement. A quick scan of each bottle allows the system to identify the fluid in question and instruct the operator based on compatibility.

*Some geographic areas are excluded.
Hitachi Industrial Equipment Systems Co. Ltd, declares that the IC tag reader is in compliance with the essential requirements and other relevant provisions of the FDD Part 15 subpart C, EN 301 489 1/3, EN 300 330-1/2





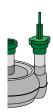
Tool-less Filter Replacement



Ink filters can be replaced without the use of tools or a technician, resulting in virtually zero downtime for easy maintenance. No more mandatory, timebased failure due to machine operation.

(Original Hitachi patent: EP 226 1037 A1 / EP 230 5470 A1)









IC Card with RFID function



With the new Hitachi IC Card any login information and print data can be managed fast, easy, and safely.

User Login

By scanning the IC Card, only the registered user can login quickly without entering a password. Each user operation can be limited to prevent human error.

Print data selection

By scanning the IC Card the print data can be quickly called up. Prevent calling up incorrect data which may happen with manual operation.





Intuitive Machine Interface

Intuitive User Interface



A 10.4-inch TFT LCD touch-panel screen provides a wide, easy-to-see viewing angle and intuitive operation. In addition, when changing print messages, a preview function allows the operator to verify on-screen what message will be changed to help avoid erroneous printing.



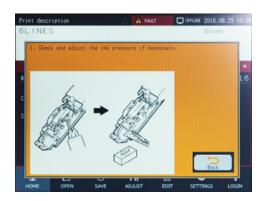


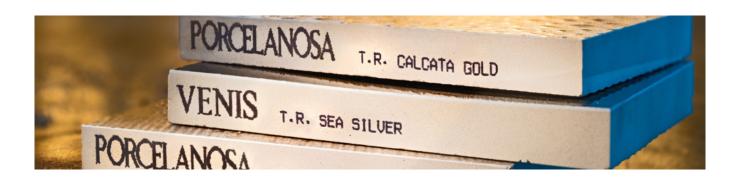
On-Screen Guidance



The UX Series features an integrated, easy to access troubleshooting guide, helping operators easily find answers to common issues and reducing downtime due to simple problems.





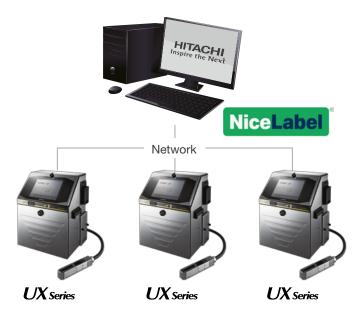


Convenient Remote Management

A

Ethernet is a standard feature on UX machines.* In addition, open network is supported, allowing easier system integration. Collective management via a host system enables two or more devices to be easily networked.

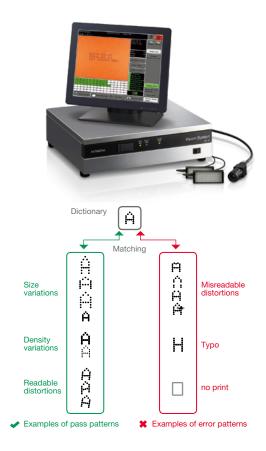
*UX-B excluded



Print Error Recognition



The Hitachi Vision System has been optimised to work with Ink Jet typical dot matrix characters. It verifies the content of each printed message instantaneously while allowing for typical CIJ character variations, assuring an optimal level of print quality.





Versatile Durable Print Head

Versatile Tapered Print Head



Proximity to product can be challenging using traditional print heads, but the UX's new Tapered print head technology allows for even closer printing, resulting in improved print quality.



Durable Ni-Cr Plating



The UX-Series print head features a new Nickel-Chrome finish, giving it exceptional corrosion resistance and increasing the print head's lifespan in demanding environments like those requiring wash-down or exposure to caustic chemicals.

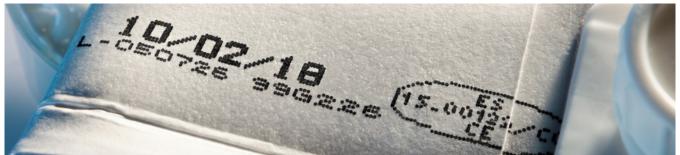


Up to 6-Line Print



A single UX print head can print up to six lines by employing an innovative print control system. High-speed single line printing of excellent quality is also possible. Hitachi's original interlaced-print-control-system makes each print character appear extremely clear regardless of print height.





Reliability

Pump Unit (Valves and Camshaft)



At the heart of the UX Series inkjet printer is a diaphragm based circulation system. Unique to Hitachi, the UX's diaphragm system dramatically improves reliability, leading to a reduction in total cost of ownership.

A dedicated viscometer gives a true measure of the ink's viscosity further increasing reliability and uptime.



Reduced Make-up Consumption and Running Cost



Motor Speed Control Function suppresses make-up evaporation and offers industry-leading level of make-up consumption.

The premium model UX-E achieves a consumption of only 2.5 ml/h thanks to Hitachi's latest patented Fluid Consumption Reduction System.

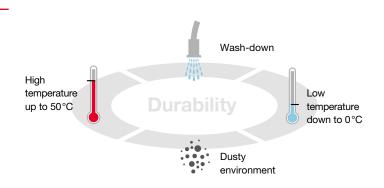


Designed for harsh environments



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 industries.





Twin Nozzle Model

Flexible 8 Line Print



The UX twin print head now offers the abilty to produce 8 lines of text by combining two individual nozzles into one, compact design. In additon, by utilizing Hitachi's first on the market "interlaced" print control technique, multiple line messages are printed clearly and legibly, further reducing coding errors due to misprint.

High-speed printing



Two nozzles at one print head realizes double-speed printing, which can track even on a high-speed production line, resulting in high-quality printing regardless of the number of print lines.

Versatile 64-Dot



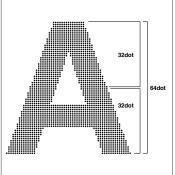
Hitachi's innovative design now produces 64 vertical dots of print, resulting in large, bold characters. This makes the UX twin nozzle printer ideally suited to mark company logos, UL marks, or any other pattern previously unachievable with traditional print heads.

Character Stitch Capability



A unique option in the new twin-nozzle printer is the ability to stitch both nozzles together. This results in characters that are bigger and bolder than ever, compared to those printed by individual nozzles. This is particularly useful when character recognition is needed at a distance from the product.











UX-P For Pigmented Inks

UX-P for pigmented inks



The UX Printer is designed for high contrast marking on dark surfaces with pigmented inks at highest quality. Typical application areas include automotive parts, cables, plastic piping and electronic components.





Pigmented ink stirring system



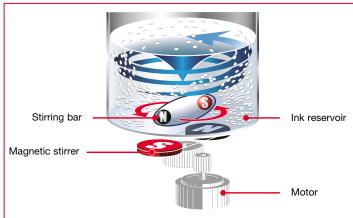
The electric stirrer system prevents the agglomeration and the setting of pigments.

In addition, the Pigment model is equipped with an "Ink circulation control" function, which allows the ink to circulate even in a standby mode to avoid the ink fixing and ensures a smooth operation during production.



Smooth supply for ink and make-up fluid

Ink and make-up fluid can be supplied at any time with no interruption





Electric stirrer





UX-D Model (Standard)

Standard Print S	Samples
5 x 5	1 0123456789ABCDEFGH 2 012345678
	A O12745678 A ABODEFGHI A JKLMNOPOR A \$\$X\$\$UUT\$P\$
5 x 7	0123456789ABC
	0123456 ABCDEFGHI A JKLMNOPOR A JKLMNOPOR
7 x10	0123456789 01234567 0123456789013456 0123456789 0123456789013456
7 210	III UIIZ345 III HOUDEFUN III TUVWXYZABCDEGHIJ
10 x 12	0123456789ABC 01234567890 0123456789ABC 01234567890 0123456789ABC 01234567890
10 % 12	BO123456789 BOBCDEEGHIJK
10 10	0123456789ABC PABC ABC
12 x 16	1 0123456 01 ₩ ABC ₩
	0123456789
18 x 24	5
	0123456ABC
24 x 32	012345ABCD
24 X 02	
30 x 40	012345ABCDEF
36 x 48	1012345ABCD





Nacis is no manifer of print 1	Standard Spe	cincations	
Maximum number of print b=10mm The Maximum number of print b=10mm \$ 7 × 70 × 70 × 70 × 70 × 70 × 70 × 70 ×			UX-D160W
Machina mumber of prior both of the Color of Col			·
Part			·
Point function Poi	Maximum number of print		· · · · · · · · · · · · · · · · · · ·
5 x 700			
Figure 1 (Notice Intel x Vertical) X 7 (9)			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Ministratial x Vertical Ministratial x			✓
10 x 12		7 x 10	✓
1 x 2 x 16	(Horizontal x Vertical)	11 x 11	✓ (Chinese only)
18 x 24		10 x 12	✓
A 32 3 x 40 3		12 x 16	✓
20 x 40			
Signate Sign			· ·
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, Chinses, Korean, Thei, Vierhamese, German, French, Diuth, Italian, Spanish, Portuguese, Swedish, Danish, Creek, Russian, (2 languages selectable) Czech, Polish, Arabic, Serbian, Turksh, Hungarian, Bulgarian, Edoparian, Bumanian, Finnish, Norwegian, Slovenian Maximum print rate (Character per ascond) (Forti disk, space 1, 1 line) Maximum print rate (Character per ascond) (Forti disk, space 1, 1 line) Standard characters 2 Alphanumeric (A-Z, e.z, 0-9), symbols (27) and space: Total 90 User patterns 3 200 patterns each for dot matrix (50 patterns for 30x40 and 36x48 fonts) Print functions 2 Calendar, Count, Font mixture, Password Barcode printing Coda93, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E, codel 28/EAN-128, GS-1 DataBar 20 printing Data Matrix (Alphabet 49 characters/Numbers-98 characters), OR Code, Micro OR code Message storage capacity 3 300 Messages (Option: Up to 2,000 Messages (depends on data content)) Input signal Print in progress or Print complete, Guillien, Printing stop, Rolary encoder pulse, Reciprocative printing, Remote control (Run, Stop, High-valtage ONOFF, Baset, NPWAPPS Selectable) Diturbut signal Print in progress or Print complete, Guillien (PMPVPPP Selectable), Print teady, Fault, Warning (NPN Only) Data interface RS-23C at band rates selectable up to 115, 200tps Ethernet (Modbus communication) EEE802.3, 100BASE-T Ethernal memory USB for user data storage Printhead cable length / angle Alpha (in-line) of user data storage Printhead cable length / angle Alpha (in-line) of user data storage Operating temperature range Oscillate, Printing and Alpha (in-line) of user data storage Prover supply (Automatic voltage selection) Approval Clustonic Voltage selection) Diturbutions (Width x Depth x Height) Printing (PR) Clustonic Voltage Selection (PR) Clustonic Voltage S			
Display & imple device WYSNWTG design display: TFT LCD (10.4" color), backlight provided input device: Touch panel, input sound provided Screen language (2 languages selectable) English, Chinese, Korrean, Thei, Webramese, German, Fennch, Dutch, Italian, Spenish, Portuguese, Swedish, Danish, Greek, Russian, Crech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian, Slovenian Maximum print rate (Character per second) (Font 556, space 1, 1 line) Alphanumeric (A-2, -2, -9.9, symbols (27) and space: Total 90 Valer patterns 200 patterns each for dot matrix (30 patterns for 30x40 and 36x48 fonts) Print functions Celendar, Count, Front mixture, Password Barcode printing Code 30x Finn NW-7, EAN-13, EAN-8, UPC-4, UPC-E, codet 28xEAN-128, GS-1 DataBar 2D printing Data Matrix (Alphabet 49 characters/Numbers 98 characters), OR Code, Micro OR 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 puise, Reciprocative printing, Print printing stop, Rotary encoder puise, Reciprocative printing, Printing stop, Rotary encoder puise, Reciprocative printing, Printing stop, Rotary encoder puise, Reciprocative printing, Printing stop, Rotary High-voltage Nort-Fraese), WPNPPNP Selectable), Print ready, Fault, Warning (NPN Only) <td>Obevestov beimbt</td> <td>36 x 48</td> <td></td>	Obevestov beimbt	36 x 48	
Screen languages (2 languages selectable) English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Danish, Greek, Russian, (2 languages selectable) Maximum print rate (Character per second) (rent 6x5, space 1, 1 line) Up to 1,148 (Option: Up to 2,563) Standard characters Aphanumeric (A-Z, a-z, 0-9) symbols (27) and space: Total 90 User patterns 200 patterns each for dot matrix (50 patterns for 30x40 and 36x48 fonts) Print functions Calendar, Count, Fort mixture, Password Barcode printing Code33, ITF, NW-7, EAN-13, EAN-8, UP-C., UP-C.; code128/EAN-128, GS-1 DataBar 2D printing Data Matrix (Alphabet 49 chracaters/Numbers: 98 characters), GR Code, Micro OR code Message storage capacity 300 Messages (Option: Up to 2,000 Messages (depends on data content) Input 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 115,2000ps Ethernel (Modbus communication) IEEE8023, 1008ASE-T Eternal memory USB for user data storage Printhead cable length / angle 44m (in-line/90 degrees; Option: 6m) Operating temperature range 0-45°C (1069K Ink)* Operating temperature range 3-90 MR H (no condensation)			
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Messages storage capacity 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 Ethernet (Modbus communication) Etternal memory USB for user data storage Printlead cable length / angle 4m (in-line/90 degrees; Option: 6m) Operating temperature range O-45°C (1069K Ink)* Operating humidity range 30-90% RH (no condensation) Power supply (Automatic voltage selection) Approval Approval CE, UL, CUL, C-Tick, FCC, ICES Dimensions (Width x Depth x Height) Input signal 300 Messages (Option: Up to 2,000 Messages (depends on data content)] Print target detection, Printing stop, Rotary encoder pulse, Reciprocative printing, Remote control (Run, Stop, High-voltage ON/OFF, Reset), (NPN/PNP Selectable), Print ready, Fault, Warning (NPN Only) Print in progress or Print complete, Online (NPN/PNP Selectable), Print ready, Fault, Warning (NPN Only) IEEE802.3, 100BASE-T External memory USB for user data storage 4m (in-line/90 degrees; Option: 6m) Operating humidity range 30-90% RH (no condensation) AC100-120/220-240V±10% 50/60Hz 120 VA Approval CE, UL, CUL, C-Tick, FCC, ICES Dimensions (Width x Depth x Height) International protection IP65	Barcode printing		code39, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E, code128/EAN-128, GS-1 DataBar
Input signal Print target detection, Printing stop, Rotary encoder pulse, Reciprocative printing, Remote control (Run, Stop, High-voltage ON/OFF, Resed), (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 Ethernet (Modbus communication) IEEE802.3, 100BASE-T External memory USB for user data storage Printhead cable length / angle 4m (in-line/90 degrees; Option: 6m) Operating temperature range 0-45°C (1069K lnk)* Operating humidity range 30-90% RH (no condensation) Power supply (Automatic voltage selection) Approval CE, UL, CUL, C-Tick, FCC, ICES Dimensions (Width x Depth x Height) International protection IP65	2D printing		Data Matrix (Alphabet: 49 characters/Numbers: 98 characters), QR Code, Micro QR code
Input signal 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 Ethernet (Modbus communication) IEEE802.3, 100BASE-T External memory USB for user data storage Printhead cable length / angle 4m (in-line/90 degrees; Option: 6m) Operating temperature range 0-45°C (1069K Ink)* Operating humidity range 30-90% RH (no condensation) Power supply (Automatic voltage selection) AC100-120/220-240V±10% 50/60Hz 120 VA Approval CE, UL, CUL, C-Tick, FCC, ICES Dimensions (Width x Depth x Height) 400 x 320 x 527 mm International protection IP65	Message storage capacity	1	300 Messages [Option: Up to 2,000 Messages (depends on data content)]
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External memory Printhead cable length / angle Operating temperature range Operating humidity range Operating humidity range Outside Selection AC100-120/220-240V±10% 50/60Hz 120 VA Approval CE, UL, CUL, C-Tick, FCC, ICES Dimensions (Width x Depth x Height) International protection USB for user data storage 4m (in-line/90 degrees; Option: 6m) Action-146°C (1069K lnk)* AC100-45°C (1069K lnk)* AC100-45°C (1069K lnk)* AC100-120/220-240V±10% 50/60Hz 120 VA CE, UL, CUL, C-Tick, FCC, ICES International protection IP65	Data interface		RS-232C at baud rates selectable up to 115,200bps
Printhead cable length / angle Operating temperature range Operating humidity range Operating humidity range Operating humidity range Operating humidity range AC100-120/220-240V±10% 50/60Hz 120 VA Approval CE, UL, cUL, C-Tick, FCC, ICES Dimensions (Width x Depth x Height) International protection Am (in-line/90 degrees; Option: 6m) Action-145°C (1069K Ink)* AC100-120/220-240V±10% 50/60Hz 120 VA AC100-120/220-240V±10% 50/60Hz 120 VA AC100-120/220-240V±10% 50/60Hz 120 VA International protection IP65	Ethernet (Modbus commu	nication)	IEEE802.3, 100BASE-T
Operating temperature range 0-45°C (1069K Ink)* Operating humidity range 30-90% RH (no condensation) Power supply (Automatic voltage selection) AC100-120/220-240V±10% 50/60Hz 120 VA Approval CE, UL, CUL, C-Tick, FCC, ICES Dimensions (Width x Depth x Height) 400 x 320 x 527 mm International protection IP65	External memory		USB for user data storage
Operating humidity range 30-90% RH (no condensation) Power supply (Automatic voltage selection) AC100-120/220-240V±10% 50/60Hz 120 VA Approval CE, UL, cUL, C-Tick, FCC, ICES Dimensions (Width x Depth x Height) 400 x 320 x 527 mm International protection IP65	Printhead cable length / a	ngle	4m (in-line/90 degrees; Option: 6m)
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Approval CE, UL, CUL, C-Tick, FCC, ICES Dimensions (Width x Depth x Height) 400 x 320 x 527 mm International protection IP65	Operating humidity range		30-90% RH (no condensation)
Dimensions (Width x Depth x Height) 400 x 320 x 527 mm International protection IP65			AC100-120/220-240V±10% 50/60Hz 120 VA
International protection IP65	Approval		CE, UL, cUL, C-Tick, FCC, ICES
·	Dimensions (Width x Depth x Height)		400 x 320 x 527 mm
Approximate weight 27kg	International protection		IP65
	Approximate weight		27kg



^{*} Ink types and temperature are limited.
** Please consult your sales representative for further upgrade options.



UX-D Model (High-Speed)

Standard Print S	Standard Print Samples		
5 x 5	1 0123456789ABCDEFGH 2 012345678		
	O12345678 O12345678 O12345678		
5 x 7	0123456789ABC		
	0123456 ABCDEFGHI ABCDEFFGHI		
7 x10	0123456789 012345678901234567 012345678901234567 012345678901234567 012345678901234567 012345678901234567		
	TOVUKVZABCDEFGHIJK		
12 x 16	0123456789ABC PARCHE PARCHE		
12 % 10	© 012345		
18 x 24	0123456789		
	0123456ABC		







Item		UX-D150W
Nozzle Size		55µm
Maximum number of prin	t lines	Up to 4 lines
Maximum number of prin		Up to 1,000 characters
	4 x 5	✓
	5 x 5	✓
	5 x 7(8) 9 x 7(8)	✓
Font	7 x 10	✓
(Horizontal x Vertical)	11 x 11	-
	10 x 12	-
	12 x 16	✓
	18 x 24	√**
	24 x 32	•
	30 x 40	·
	36 x 48	·
Character height		2 - 8 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, 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, Slovenian
Maximum print rate (Character per second) (Font 5x5, space 1, 1 line)		Up to 3,173
Standard characters		Alphanumeric (A-Z, a-z, 0-9), symbols (27) and space: Total 90
User patterns		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 printing		Data Matrix (Alphabet: 49 characters/Numbers: 98 characters), QR Code, Micro QR code
Message storage capacity	У	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
Ethernet (Modbus commu	unication)	IEEE802.3, 100BASE-T
External memory		USB for user data storage
Printhead cable length / a	angle	4m (in-line/90 degrees)
Operating temperature range		0-40°C (1069K lnk)*
Operating humidity range		30-90% RH (no condensation)
Power supply (Automatic voltage selection)		AC100-120/220-240V±10% 50/60Hz 120 VA
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	



^{*} Ink types and temperature are limited.
** Please consult your sales representative for further upgrade options.



UX-D Model (Small Characters)

Standard Print Samples		
5 x 5	0123456789 0123456789 KLMNOP9RST	O 0123486789
		C123456789 C
5 x 7	12345679ABCDEF6H 20 12345679ABCDEF6H 20 12345679ABCDEF6H 20 12345679ABCDEF6H 20 12345679ABCDEF6H 20 12345679ABCDEF6H 20 20 20 20 20 20 20 20 20 20 20 20 20	ω 123456790123456 Ε ΑΒΕΦΕΡGHIJKLMNO ABCΦΕΡGHIJKLMNO ABCΦΕΡGHIJKLMNO
	120000 7900 E	I 123456/90123456 ABCDEFGHIJKLMNO AbcdefghiJkImno
7 x10	1234567890 N 1234567890123 ABCOEFGHIJKLY	ω 1234567890123456789012345678 ABODERGH 12K1780POPSTULWXYZ4B POPSTULWXY1234567890123456
	1234567890 E 1234567890123 ABCODEFGHIJKLM	L 16645978911842918912445578 Z 0PORSTUULKYZ1234567890123456
12 x 16	01234ABCDE	2 0123456789 E ABCDEFGHIJ
12 X 10	123456789ABC @	ABCDEFGAIJ
18 x 24	1234567ABCDEF	
24 x 32	1234567ABCDEF	



Item		UX-D140W
Nozzle Size		40µm
Maximum number of print	t lines	Up to 4 lines
Maximum number of print		Up to 1,000 characters
	4 x 5	✓
	5 x 5	✓
	5 x 7(8) 9 x 7(8)	·
Font	7 x 10	✓
(Horizontal x Vertical)	11 x 11	✓ (Chinese only)
	10 x 12	·
	12 x 16	✓
	18 x 24	✓
	24 x 32	✓
	30 x 40	·
	36 x 48	
Character height		1 - 5mm
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, 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, Slovenian
Maximum print rate (Character per second) (Font 5x5, space 1, 1 line)		Up to 3,030
Standard characters		Alphanumeric (A-Z, a-z, 0-9), symbols (27) and space: Total 90
User patterns		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 printing		Data Matrix (Alphabet: 49 characters/Numbers: 98 characters), QR Code, Micro QR code
Message storage capacity	У	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 0N/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
Ethernet (Modbus commu	unication)	IEEE802.3, 100BASE-T
External memory		USB for user data storage
Printhead cable length / a	angle	4m (in-line/90 degrees)
Operating temperature range		0-35°C (1069K lnk)*
Operating humidity range		30-90% RH (no condensation)
Power supply (Automatic voltage selection)		AC100-120/220-240V±10% 50/60Hz 120 VA
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.
** Please consult your sales representative for further upgrade options.



UX-D Model (Large Characters)

Standard Print S	ımples
4 x 5	1 01234567
5 x 5	12345678 12345678 12345678 12345678 12345678 12345678 12345678 12345678 12345678 12345678 12345678 12345678 12345678 12345678
5 x 7	12345678 N 12345678
9 x 7	12345678 2 12345678 2 12345678 2 123456789 4 123456789 ABCDEFGHI 012345678
7 x10	1234567 123456 28 123456789 ABCDEF 012345678
12 x 16	123456789 🕸 12345
18 x 24	123456789
24 x 32	123456789



Standard Spe	cilications	
Item		UX-D110W
Nozzle Size		100µm
Maximum number of prin	nt lines	Up to 4 lines
Maximum number of prin	nt characters	Up to 1,000 characters
	4 x 5	√
	5 x 5	✓
	5 x 7(8) 9 x 7(8)	✓
Font	7 x 10	✓
(Horizontal x Vertical)	11 x 11	-
	10 x 12	-
	12 x 16	✓
	18 x 24	✓
	24 x 32	✓
	30 x 40	-
Ob a section to doubt	36 x 48	2.15
Character height Display & input device		3 - 15 mm
Screen language		WYSIWYG design display: TFT LCD (10.4" color), backlight provided input device: Touch panel, input sound provided English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Danish, Greek, Russian,
(2 languages selectable)		Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian, Slovenian
Maximum print rate (Character per second) (Font 5x5, space 1, 1 line)		Up to 468
Standard characters		Alphanumeric (A-Z, a-z, 0-9), symbols (27) and space: Total 90
User patterns		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 printing		Data Matrix (Alphabet: 49 characters/Numbers: 98 characters), QR Code, Micro QR code
Message storage capacit	y	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
Ethernet (Modbus commi	unication)	IEEE802.3, 100BASE-T
External memory		USB for user data storage
Printhead cable length /	angle	4m (in-line/90 degrees)
Operating temperature range		0-35°C (1069K lnk)*
Operating humidity range		30-90% RH (no condensation)
Power supply (Automatic voltage selection)		AC100-120/220-240V±10% 50/60Hz 120 VA
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.		



^{*} Ink types and temperature are limited.
** Please consult your sales representative for further upgrade options.

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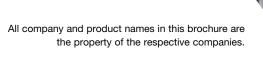
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Operating Time