NEW

HITACHI
Inspire the Next

Coding & Marking Solutions

Inkjet Printer

UX2 Series



RELIABILITY
Highly reliable design and superior construction

EFFICIENCY
Environmentally friendly with low operational costs

EASE OF USE
Simple touchscreen operation with video-based guidance

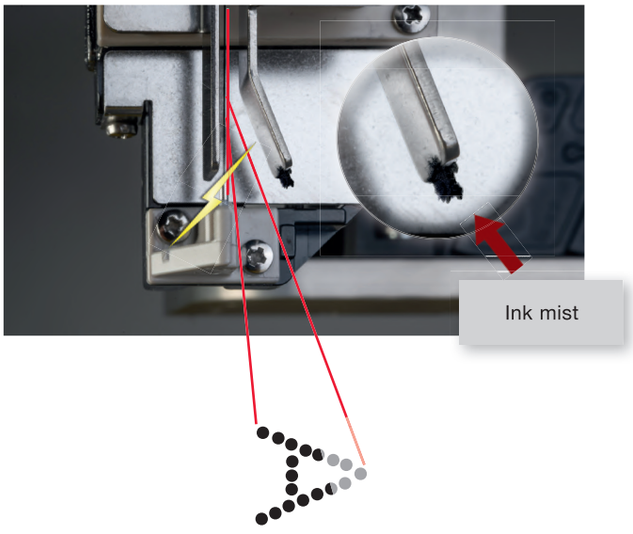
Increased Production – Less Downtime

Newly designed to stay **cleaner, longer**

Conventional Printers

With **conventional print heads**, ink mist*[1] deposits onto the surface of components that control the inkjet. Over time, the build-up of ink can result in **downtime lead to lost production**.

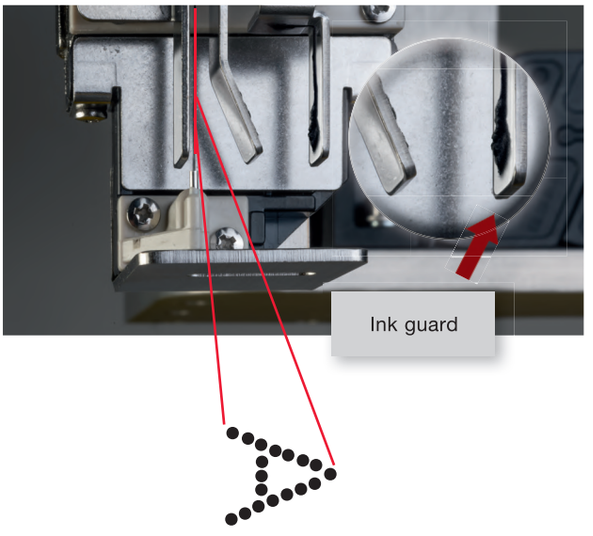
*[1] Ink mist build-up may vary depending on operating conditions.



Print Longer with Ink Guard

UX2 printers can print for **3 times longer** than previous generations*[2] due to a **unique print head design**. The ink guard feature attracts the ink mist to a collection area away from the sensitive printing components. The result is **fewer print quality issues** and **less frequent print head cleaning**. Keeping your production running while maintaining a **clean production environment**.

*[2] Results refer to the same test environment and test conditions compared with UX Standard.



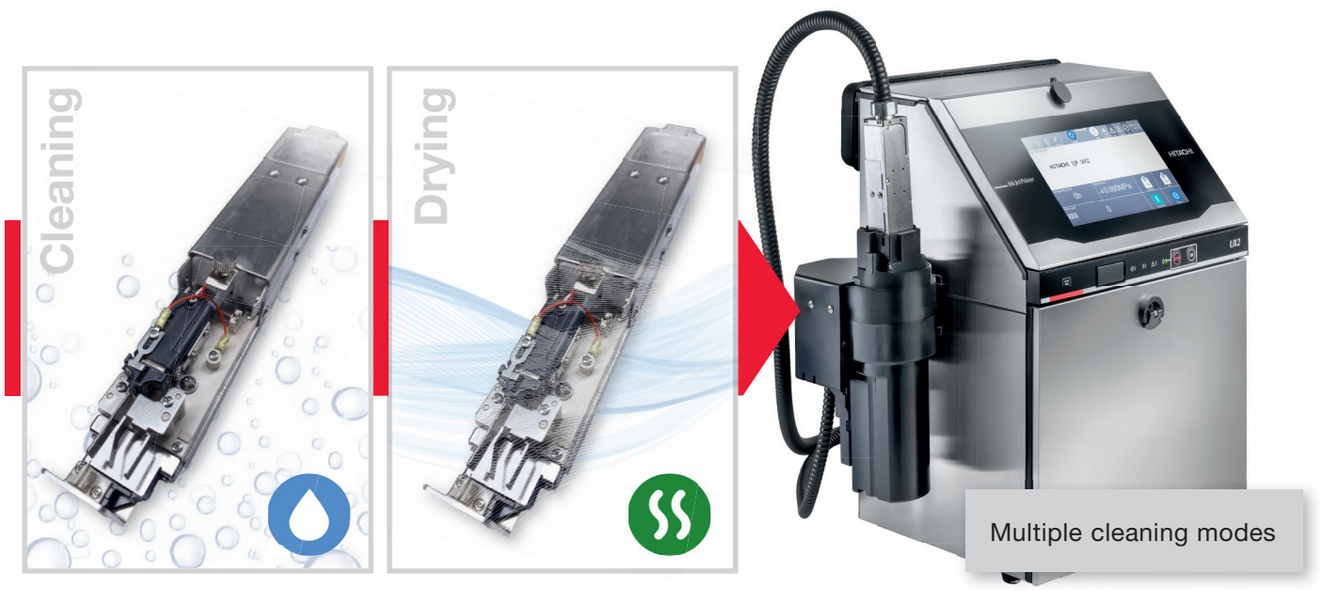
Benefits

- Fewer print quality issues ✓
- Print for 3 times as long between cleaning cycles ✓
- Less print head cleaning ✓
- More production output ✓
- Reduced ink contamination in print head ✓
- Cleaner production environment ✓

Safe-Clean Station

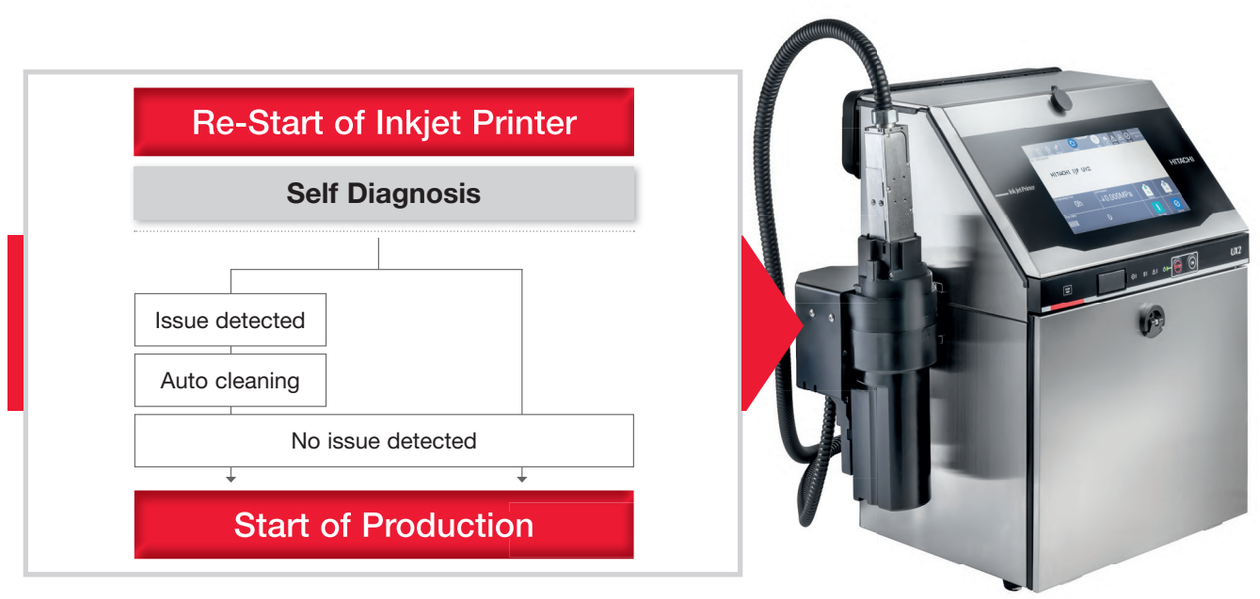
Added **Convenience and Safety**

The sealed Safe-Clean Station thoroughly cleans and dries in one simple operation. Eliminate the need for open solvents when cleaning the print head. As the solvent volatilized during drying is sucked out by the air pump and discharged through the exhaust duct, the operator is not exposed to the solvent gas.
All used make-up cleaning solvent is captured in a sealed reservoir - for safe disposal.



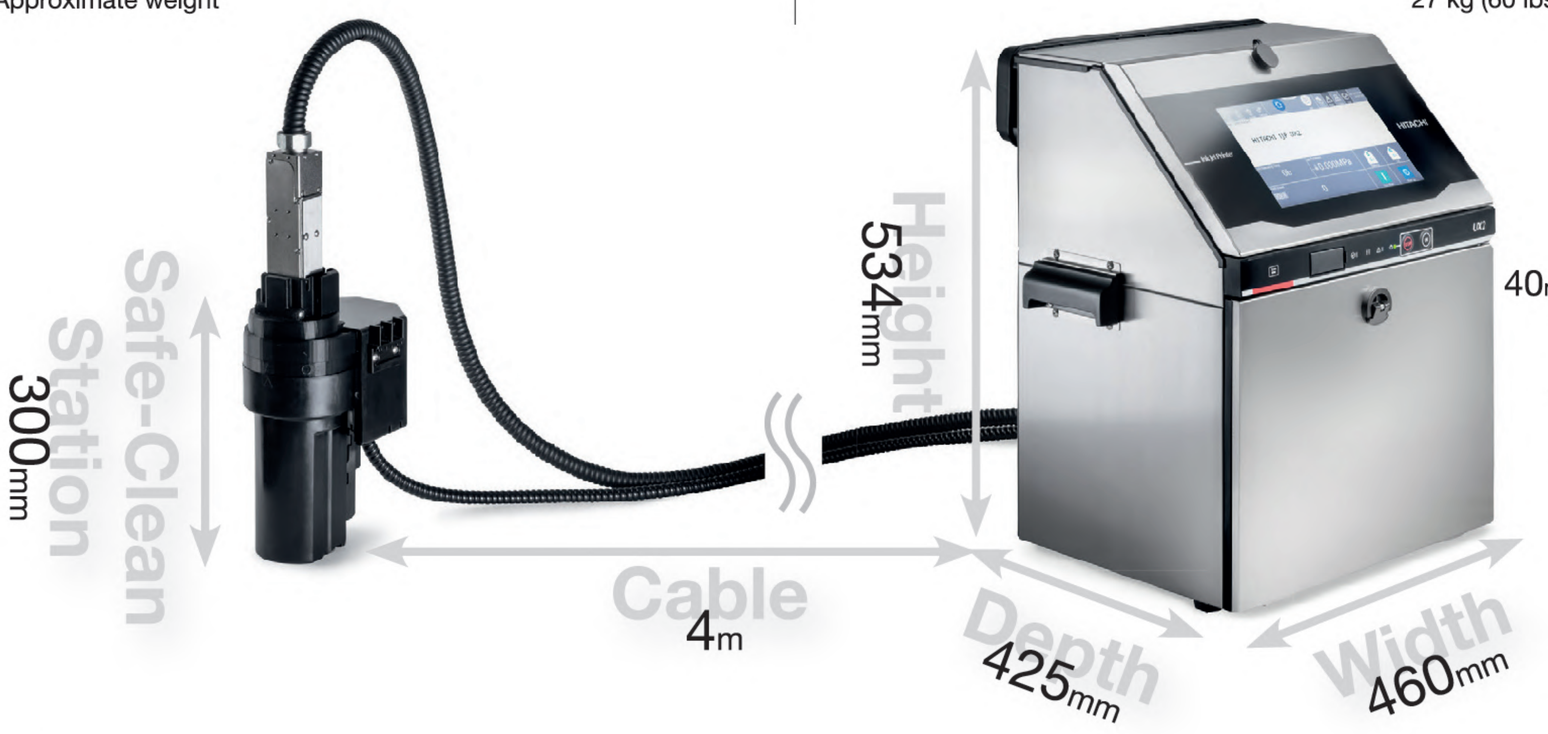
Self-diagnosis by new Smart Start function

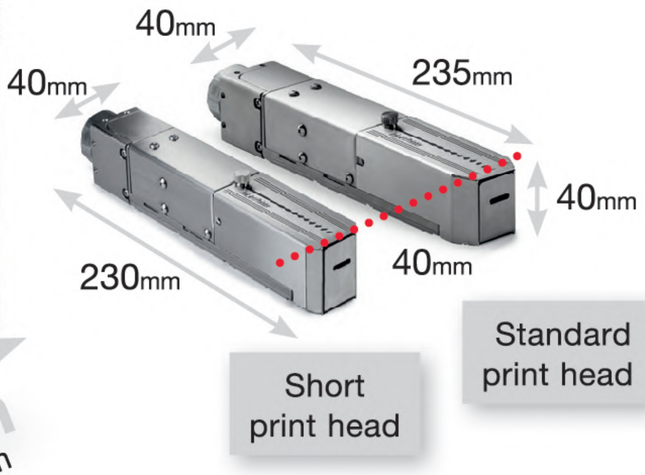
Most of the downtime associated with inkjet printers is a result of a dirty nozzle. The self-diagnosis start-up with Safe clean station can be used to automatically clean the nozzle by reversing the flow of solvent when necessary, which help ensure that IJP restarts smoothly.



Printer Specifications

		UX2 UX2-D160W
Nozzle size		65µm
Max. number of print lines		up to 6 lines
Max. number of print characters		240 characters (option: up to 1,000 characters)
Font (Horizontal × Vertical)	4x5	1 to 6 lines (Short printhead option : up to 2 lines)
	5x5	1 to 6 lines (Short printhead option : up to 2 lines)
	5x8 or 5x7	1 to 4 lines (Short printhead option : up to 2 lines)
	9x8 or 9x7	1 to 4 lines (Short printhead option : up to 2 lines)
	7x10	1 to 3 lines (Short printhead option : 1 line)
	10x12	1 to 2 lines (Short printhead option : 1 line)
	12x16	1 to 2 lines (Short printhead option : 1 line)
	18x24	1 line
	24x32	1 line
	30x40	1 line
	36x48	1 line
Character height		2-10mm (optional short print head: 2.0-6.5mm)
Input device & display		WYSWYG design Display: 10.1“ color TFT LCD, WSVGA(1024×600) Input device: Touch panel, input sound provided
Maximum print rate (character per second) (Font 4×5, space 1 dot, 1 line, 76.9kHz)		Up to 1,538 (option: up to 3,076)
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 Free size)
Barcode print		code39, ITF, NW-7, JAN-13, JAN-8, code128/EAN128, UPC-A, UPC-E, GS-1 Databar
2D code printing		Data Matrix (Alphabet: 49 characters/Numericals: 98 characters), QR code (Alphabetical characters only: 61, Numbers only: 101), Micro-QR code (Alphabetical characters only: 11, Numbers only: 18)
Print functions		Calendar, Count, (Option: Shift code)
Message storage capacity		300 messages (option: up to 2000 messages)
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)
Customizable screen		✓
Animation guidance		✓
Safe-Clean-Station		Optional
Data interface		USB/RS-232 Converters at baud rates selectable up to 115,200bps
Ethernet communication		Modbus, EtherNet/IP, OPC-UA
Print head cable length / angle		4m (in-line/90 degrees)
Operating temperature range		0~50°C (1067K Ink)
Operating humidity range		30~90%RH (no condensation)
International protection		IP65
Power supply (Automatic voltage selection)		AC100~120/200~240V±10%, 50/60Hz
Dimension		460×425×534mm (Width×Depth×Height)
Approximate weight		27 kg (60 lbs)





THAI POLYMER SUPPLY I Hitachi Inkjet Printer

406 Sukhumvit 55 (Soi Thong-Lor) Klong Ton-Nue
Wattana Bangkok 10110

+66-2312-2560

inkjet@thaipolymer.co.th

www.thaipolymer.co.th