

Ultra-1800 printheadHigh Precision Printer

Print Head: Epson i3200-A1/E1

Width: 1830mm

Ultra
1820X



Ultra
1840X

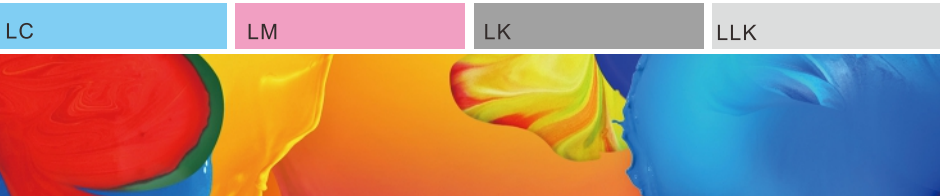


Printing Speed

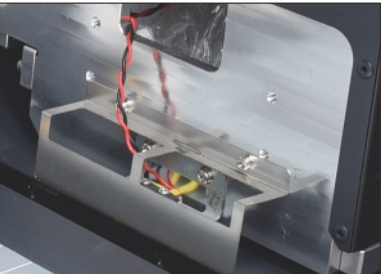
Mode	4 colors		8 colors	
	2H	4H	2H	4H
4 Pass	43.9m ² /h	92m ² /h	25m ² /h	43.9m ² /h
6 Pass	30.1m ² /h	72m ² /h	17m ² /h	30.1m ² /h
8 Pass	24m ² /h	48m ² /h	14m ² /h	24m ² /h

Support for greyscale & VSDT

- The printhead releases three ink droplet sizes, with small droplets offset for color compensation, improving image detail.
- LC, LM, LK, LLK serve as complementary colors to CMYK, rendering the print quality more refined and the color gradients more naturally transitional.



Intelligent operation printing and high-quality mechanical design



Anti-collision sensor

When the cart touches a foreign object, the switches will be on, and machine stops printing.



Automatic Paper Sensor

Automatically pauses the printing task when the medium is about to run out.



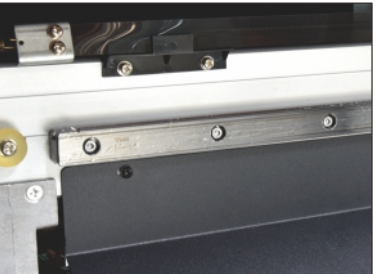
Machined Platform

Machined one-piece platform ensures high flatness, easy ink suction, and simple printhead cleaning for smooth printing.



External fans and heater

One external heater and dryer fans was integrated in one part.



Guide Rails

High-quality guide rails ensure stable printhead movement, high precision, low noise, and long lifespan.

Product Technical Specifications

*Specifications and configurations are based on the actual product and may change without prior notice.

Product Model	Ultra-1820X	Ultra-1840X	Heating System	Three-Stage Embedded Constant Temperature Heating System (Front, Middle, Rear)
Number of Printhead	2	4	Drying Configuration	Dual infrared heating with external drying fan
Printhead Type	i3200-A1/E1; i1600-A1/E1		Operation Language	Chinese/English
Printhead Height	2-3mm		Computer System	Win11/Win10/Win7
Printhead Cleaning	Fully automatic cleaning with anti-clogging, flash spraying, and automatic moisturizing functions		Working Environment	Temperature range 18°C-25°C; Humidity range 35%-65% Rh
Ink Type	Eco-Solvent / Water-Based / Sublimation Inks		Printing Interface	Gigabit Ethernet Port
Ink Color	4 colors (C/M/Y/K); 6 colors (C/M/Y/K/Lc/Lm); 8 colors (C/M/Y/K/Lc/Lm/Lk/LLk)		RIP Software	Maintop/Photoprint
Ink Cartridge Capacity	1500ml per color		Power Parameters	AC-220V, 50Hz/60Hz
Ink Supply Method	Negative pressure continuous ink supply system		Power (W)	min: 64W; max: 5500W
Printing Width	1830mm		Noise Level	Standby < 32dB, operating ≤65dB
Media	Photo Paper / PP Paper / Canvas / Rice Paper / Vehicle Vinyl Heat Transfer Paper, and More.		Machine Dimensions	2750 * 8300 * 1660mm (L * W * H)
			Machine Weight	310 Kg
Maximum Roll Weight	< 80 Kg		Package Dimensions	2870 * 940 * 810mm (L * W * H)
Take-up Device	Standard Configuration		Package Weight	340 Kg