

PLOTTER R180
RTR UV Printer



PRODUCT APPEARANCE DISPLAY



R180 PRO-X3

R180 PRO-X4

PRODUCT DETAILS

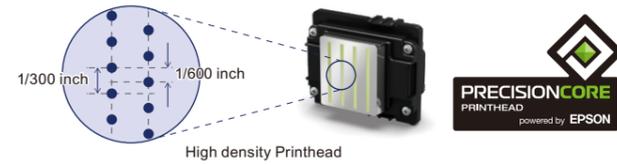


EPSON I3200 PRINTHEAD INFORMATION

PrecisionCore Technology

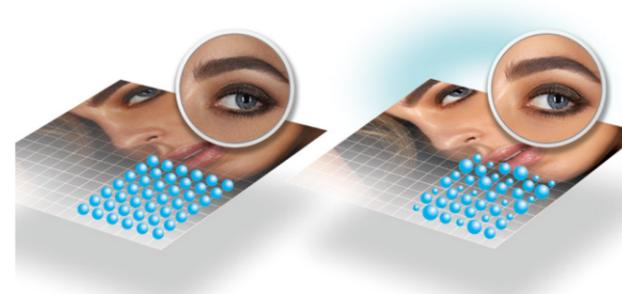
All MEMS manufacturing and thin film piezo element can realize high precision and high density(600 npi / 2 rows of nozzles). Contributes to compact, high speed, high quality, and high image quality.

Precision made of Epson unique MEMS nozzles and an ink flow path ensure the perfectly round ink droplets are placed accurately and consistently.



Support for grey-scale

Epson's unique Variable Sized Droplet Technology (VSDT) delivers smooth gradation by freely control to eject the droplet volume.



Product Specifications

Product name	I3200-U1H
Picture	

Ink type	UV INK
Width x Depth x Height (mm x mm x mm)	69.1×59.4×35.6
Weight (g)	82
Number of nozzle	3,200
Nozzle pitch/nozzle row(inch)	1/300 (inch)
Nozzle rows	8
Max. Number of colour inks	4
Nozzle Resolution	300npi/row 600npi/rows
Effective print width (mm)	33.8
Jetting frequency (kHz)	43.2 (Single mode) 21.6 (Multi mode)
Droplet volumes (pl)	3.8 - 6 - 12(9.4)
Viscosity range (mPa.s)	3 ~ 4

High resolution

Ink ejection of up to 4 colours realize with high resolution (600 dpi/colour). In addition to the I3200, I1600 has also been added to the lineup in order to meet the various customer needs.



High durability

PrecisionCore print head has proven high durability and extended service life by Epson's industrial printers.

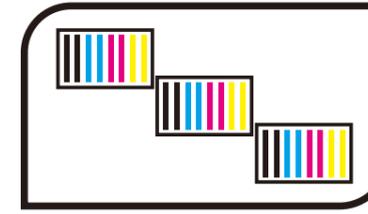


Genuine guarantee

- Epson recommends purchasing genuine Epson print heads from regular channels. The print head body sold
- through regular Epson channels is affixed with an Epson genuine label.

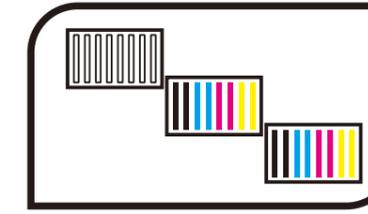


PRINTHEAD ARRANGEMENT MODE PRINTING RESOLUTION



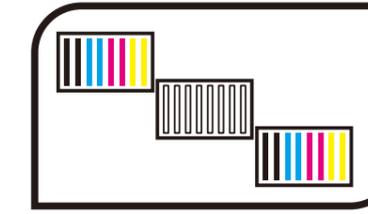
Full Color

Printing Mode	Full Color
Product Mode	36m ² /h
Resolution mode	24m ² /h



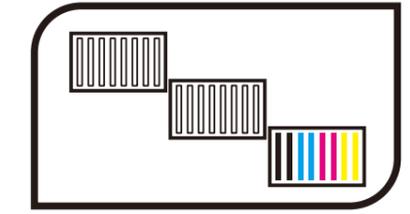
White-Color-Color

Printing Mode	Full Color	White Color
Product Mode	24m ² /h	24m ² /h
Resolution mode	16m ² /h	16m ² /h



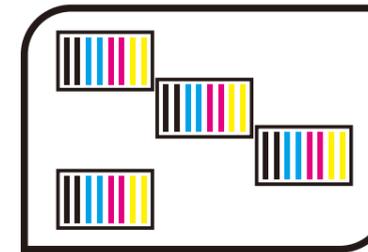
Color-White-Color

Printing Mode	Full Color	Color White Color
Product Mode	24m ² /h	12m ² /h
Resolution mode	16m ² /h	8m ² /h



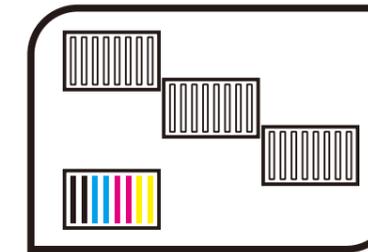
White-White-Color

Printing Mode	Full White	White Color	Full Color
Product Mode	24m ² /h	12m ² /h	12m ² /h
Resolution mode	16m ² /h	8m ² /h	8m ² /h



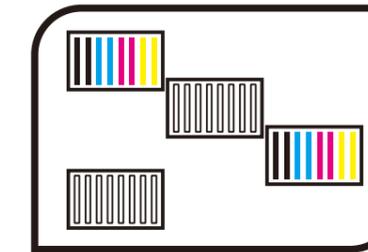
Full Color

Printing Mode	Full Color
Product Mode	80m ² /h
Resolution mode	60m ² /h



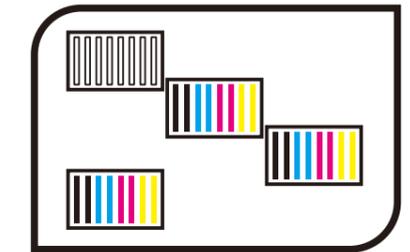
White-White-White-Color

Printing Mode	1 Time White	2 Times White
Product Mode	12m ² /h	6m ² /h
Resolution mode	8m ² /h	4m ² /h



Color-White-Color-Varnish

Printing Mode	Full Color	Color White Color-V
Product Mode	24m ² /h	12m ² /h
Resolution mode	16m ² /h	8m ² /h



White-Color-Color-Color

Printing Mode	Full Color	White Color
Product Mode	36m ² /h	36m ² /h
Resolution mode	24m ² /h	24m ² /h

ACCESSORIES SELECTION

Electrical structure-moving part



The Y-axis of traditional printing equipment mostly uses gears and belts. In this product, The Y-axis design of the large rubber roller machine used for the surface extension directly uses the servo motor acceleration and reducer system, Used to eliminate step deviation caused by gear belt toothing. Make the print size more accurate.



Whole-section imported THK linear silent guide rail to ensure the operation of the trolley.



X axis adopts 400W servo system, printing speed is faster, printing is more stable.

Important components



Using adjustable water-cooled UV lamp, cold light source, low power, curing effect is better than traditional mercury lamp, and the overall operation energy consumption of the equipment is lower.



The suction platform adopts a high-pressure vortex fan, and the whole table has three stages of suction. The zone and adsorption force are freely adjustable, and the printing is more flexible for different media.



The honeycomb printing platform has more uniform suction and stable feeding.

PRODUCT PARAMETERS

Control System	HS
Rip Software	Sai Photoprint
Printhead type	I3200
Printhead number	1-4pcs
Color	KCMYLcLm+W+V
Max. Printing Width	1800mm
Printing Media	Glass paste/oil painting/leather PT/ lamp piece/super transparent
Platform suction	Mesh belt platform conveyor + three-stage adjustable suction
Date transmission interface	

Jetting frequency	18.6K
Curing method	LEDUV lamp water cooled
Work environment	15-30°C
Relative humidity	40-60%
Operate system	WIN7/WIN10 64位
Power supply parameters	AC220V, 50Hz/60Hz
Power	2000W
Machine dimension	3260*930*1650mm (L*W*H)
Packing dimension	3300*950*1700mm (L*W*H)



Contactenos
 Av. Belgrano 748 - Piso 4 Oficina 43
 C.A.B.A. - C1092AAU - Argentina
info@sistemasoluciones.com
 Tel/Fax: (011) 4342 5742
www.sistemasoluciones.com