



I 3200

Data Sheet  
**Epson Inkjet Head I Series**



## 1. PrecisionCore Technology

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

## 2. Support for grey-scale

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

## 3. 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.

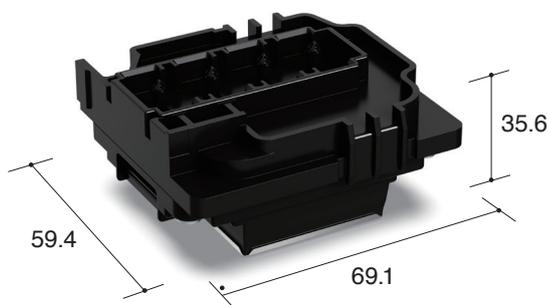
## 4. High durability

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

## Product Specifications

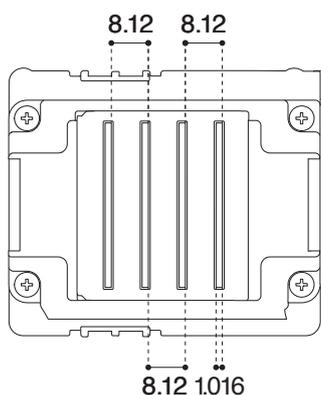
Product name		I 3200-U1	I 3200-E1	I 3200-A1
Ink type		UV	Eco Solvent	Aqueous
Type		PrecisionCore MicroTFP printhead		
WidthxDepthxHeight		69.1x 59.4 x 35.6 mm		
Weight		82 g		
Number of nozzle		3200		
Nozzle pitch/nozzle row		1/300 inch		
Nozzle rows		8 rows		
Nozzle Resolution		300 npi /row 600 npi/2 rows		
Max. number of colour inks		4 colours		
Effective print width		33.8 mm (1.33 inches)		
Droplet ejection performance	Binary	5 pl at 43.2 kHz	6 pl at 43.2 kHz	
	3 levels grey scale	6, 12.5 pl at 21.6 kHz	6.3, 12.3 pl at 21.6 kHz	
	4 levels grey scale	3.8, 6.2, 9.3 pl at 21.6 kHz	3.8, 5.5, 8.7 pl at 21.6 kHz	3.8, 6.1, 9.4 pl at 21.6 kHz
Viscosity range		5-7 mPa·s	3-4 mPa·s	
Positioning Mechanism		Reference hole		

## Product size (mm)

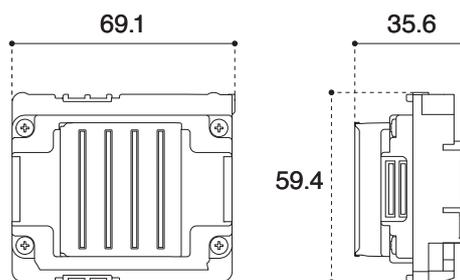


打印头本体上的  
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## Nozzle (mm)



## External dimensions (mm)



## EPSON CHINA

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