



## Data Sheet Inkjet Head T3200



### 1. PrecisionCore Technology

- a. MEMS manufacturing and thin film piezo technology enable high precision and a high nozzle density, creating compact, high-speed, high-quality printheads with excellent image quality.
- b. Epson's unique precision MEMS nozzles and ink flow path, ensure that perfectly round ink droplets are placed accurately and consistently.

### 2. Support for grey scale

Epson's unique Variable Sized Droplet Technology (VSDT) delivers smooth graduations by ejecting droplets of different volumes.

### 3. High durability

PrecisionCore print heads have proven durability and extended service life demonstrated by Epson's own industrial printers.

### 4. Built-in heater

The built-in heater maintains the ink temperature inside the head, enabling more stable jetting of UV ink, which often requires heating.

### 5. Up to 4 colours in a printhead

The T3200 can eject up to 4 colours from a single printhead. This makes alignment between colours simple and saves time when installing or replacing print heads.

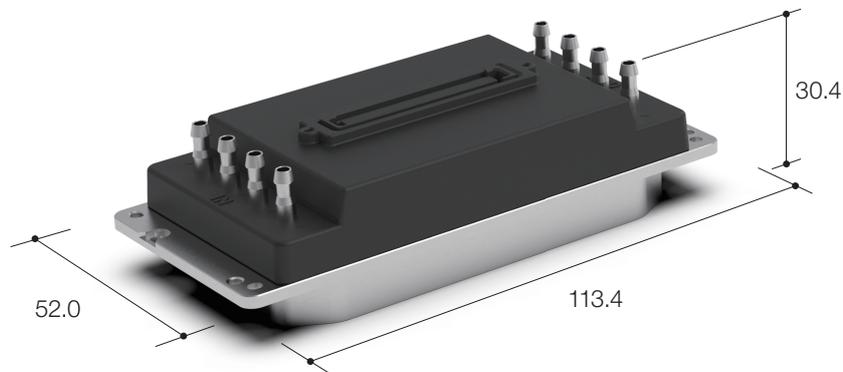
## Product Specifications

Product name	T3200-U3-2
Ink type	UV
Type	PrecisionCore MicroTFP printhead
Width x Depth x Height *	113.4 x 52.0 x 30.4 mm
Weight *	328 g
Number of nozzle	3200 (Net: 3176)
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	67.2mm (2.65inches)
Droplet ejection performance* 4 levels greyscale	6.2, 9.5, 15.6 pl at 24 kHz
Viscosity range *	7.0-8.0 mPa·s
Ink recirculation	Not available
Internal heater	Available
Positioning mechanism	Reference hole

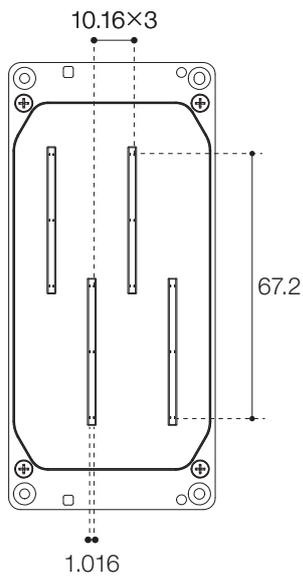
※ Combining the various grey scale and the droplet size can be realized by Epson unique waveform design.

\*Figures are reference values

## Product size (mm)



## Nozzle (mm)



## External dimensions (mm)

