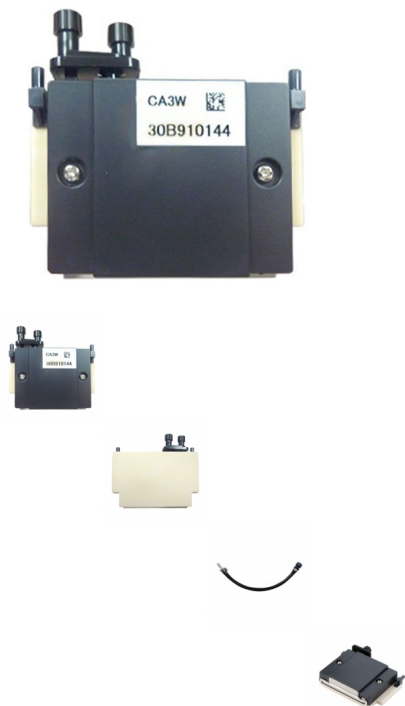


## Toshiba CA3W Printhead



Rating: 4.0

**Price:**

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 553.00

Discount:



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Manufacturer: [Toshiba](#)

Description

### Toshiba CA3W Printhead

#### Description:

This Toshiba TEC CA3W on-demand piezo electric inkjet print head is designed for industrial applications with high print quality. Unlike conventional binary print heads, this grayscale print head technology is capable of jetting multiple drops within one dot allowing for an image to have 8 levels of grey, since each dot is created through a minimum of 6 pico litre to a maximum of 42 pico litre of ink. The Toshiba TEC CA3W is suitable for UV curable and Oil based inks, has 2 ink inlet ports (which can be easily removed to be replaced with a

1 ink inlet assembly) and a chassis which provides a built-in water channel and complete sealing designed for easy temperature control.

**To be used with:** Mimaki UJF-605RII / UJF-605C, Océ Arizona 200 GT / Arizona 250 GT, Fujifilm Acuity Advance HD2504

**Specifications**

Technology: On Demand Piezo Electric

Max. Resolution: 1200 dpi

Droplet Size: 6 to 42 pico litre

Maximum Grayscale Levels: 8

Tot. Amount of Nozzles: 318

Nozzle Spacing: 169 microns

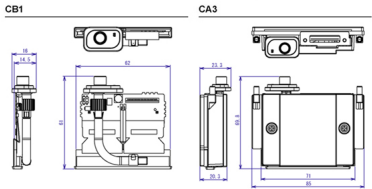
Firing Frequency: 13.8 kHz (1 drop) - 2.8 kHz (15 drops)

Driving Voltage: 14 - 28 V

Ink Compatibility: Oil Based pigment ink and uv ink

	CB1	CA3
Printable Width	53.6 mm	
Number of Channels	318 / head	
Resolution / Channel Pitch	150 dpi / 169 µm	
Print Mode	Multi drop / Brevets (Standard)	
Drop Volume	6-42 pL	
Standard Frequency	[13.8 kHz]	
@ 1drop	4.8 kHz	
@ 7drops	[2.8 kHz]	
@ 15drops	[17 mm/min]	
Linear Speed	24 mm/min	
@ 1drop 1200dpi	24 mm/min	
@ 7drop 300dpi	24 mm/min	
Driving Voltage	Oil based pigment ink / UV curable pigment ink	
V <sub>max</sub>	28V	
Weight	20g	148g
Dimensions	62(W) X 51(D) X 16(H) mm	85(W) X 70(D) X 23(H) mm
Cover	No	Yes
Chassis	No	Ceramic Chassis with water channel

\* pL = pico liter  
† Some three pin headers are a reference value.  
‡ Some may damage printhead depending upon the chemical used.  
It is strongly recommended that material compatibility test be carried out before use to obtain optimum print performance of the printhead.



To ensure correct use of the product, be sure to carefully read the specifications and follow its instruction before use.