





# THE REAL RECIRCULATION PRINTHEAD RC1536 SERIES

With its **UNMATCHED ROBUSTNESS** and **HIGHEST PRODUCTIVITY OF 2477** µL/SEC applicable for a wide range of materials such as **CERAMICS**, **WOOD**, **GLASS**, **CORRUGATED CARDBOARD**, **APPARELS & HOME TEXTILES**, **COATING & VARNISH**, **CODING & MARKING**; and **ADDITIVE MANUFACTURING**.

### **High productivity**

· Maximum 2477 µL/sec per head at 10 drops

## Wide variation of drop size with greyscale mode

- · Minimum 13 pL at 1 drop
- · Maximum 225 pL at 10 drops

#### Isolated channel technology

· Enables high jetting frequency

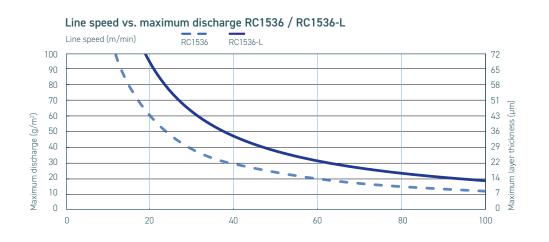
#### Ink recirculation

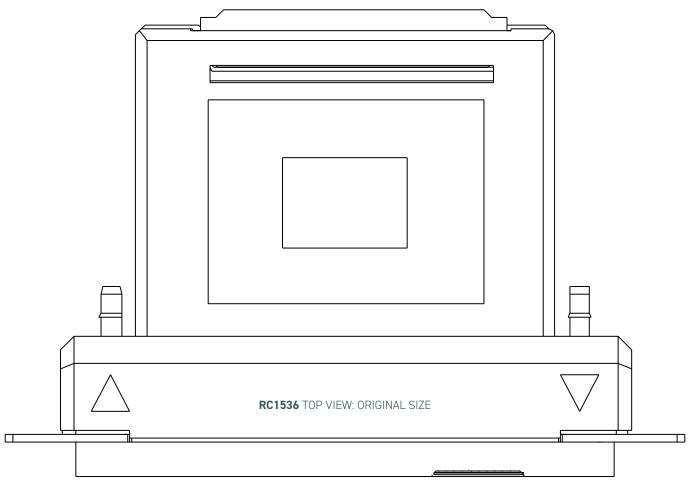
- · Recirculation directly behind the nozzles
- Long-term sustainability: drop-out nozzles caused by air bubbles or impurities recover automatically
- · Ink recirculation flow prevents sedimentation
- · Minimal ink waste due to recirculation priming
- · Low and easy maintenance

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Active nozzles	1536		RC1536	RC1536-L
Number of rows	4	Drop volume* <sup>3</sup>	13 to 150 pL	25 to 225 pL
Number of grey levels	8	Jetting frequency*1	Up to 37 kHz	
Ink inlets/Ink outlets	1/1	Jetting velocity* <sup>1,2</sup>	7 m/sec @ 3 mm	
Native nozzle resolution	360 npi	Maximum productivity*1	2200 (µL/sec)/head	2477 (µL/sec)/head
Print width	108.3 mm	(Jetting frequency x Drop volume)	1440 (nL/sec)/nozzle	1613 (nL/sec)/nozzle
Printhead weight	Less than 700 g	Ink type	Oil, UV, (Solvent, Aqueous*4)	
Dimensions	180.0 x 47.6 x 123.3 mm	Driving interface	Parallel interface	
*1 Depends on ink and ink supply system		*3 Depends on ink and printhead driving conditions		

\*2 Measured at the point of 3 mm from the nozzle

\*3 Depends on ink and printhead driving \*4 Under development





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Specifications can be modified without prior notice