



General Inkjet Printing: Digital inkjet printing solution **:CYCLOPS C1**

- + Dedicated inkjet printing system for bottles**
Industrial-grade color UV-LED inkjet printer specifically designed for cylindrical and conical bottles and applicable for printing such items as vacuum cups, tin cans, round bottles and cups. Adopts environmental-friendly UV-LED curing technology, can direct printing on materials such as plastics, papers, metals and wood.
- + Industry-leading printing module**
No platemaking, simple pre-printing preparations, short delivery cycle and customizable printing. Precise color, simple operations and low cost.
- + Economical and competitive**
Work process is simple and easy to operate.

CYCLOPS C1

Rotational printing pass process aim for inkjet printing on cylinders and cone shape material which significantly improve printing speed and quality.

Special software algorithm is adopted to avoid overlapping or gap being seen on both ends of the printed image. A gap in between both image ends may expose the background color printed on substrate

Equipped with a standard Gripper tools mount. Grippers can be adopted according to the shape, dimensions and structure of the print object, be hold firmly while printing, to ensure high-speed and stable rotation in the printing process; realize convenient feeding and unloading; quick and precise positioning.

Equipped with an angular adjustment device which shows high-quality color printing effects, no matter printing on conical cups or cylindrical vacuum cups; threaded or non threaded conical and cylindrical shaped bottles.

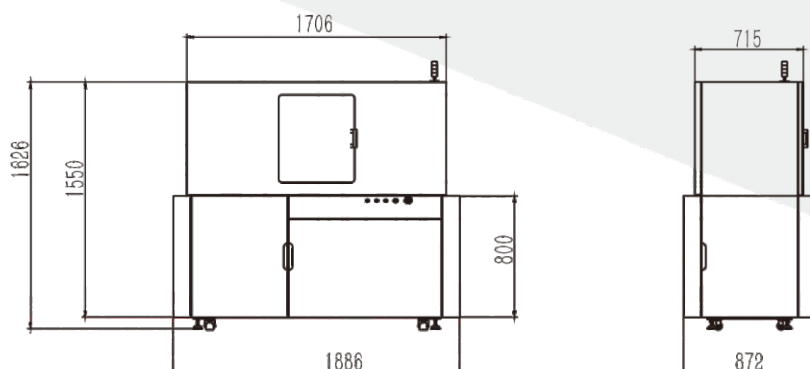
Automatic print head protection system stops carriage movement and UV lamp operation immediately after emergency is detected to ensure print head safety.

Automatic print head maintenance system enables ink purge, wiping and capping.

High-precision position sensor for rapid determination of printing area and height, exhibiting a brilliant and consistent print quality.

Product layout ▶

Unit : mm



Model	CYCLOPS C1
Tenchnical specifications	
Print heads	RICOH piezo grayscale print head
Resolution	900×1200dpi
Ink set	C/M/Y/K/white ink/varnish
Ink type	UV eco-friendly ink
Curing method	UV-LED curing system
Control system	Smart negative pressure control system with automatic ink refill
Media types	Supports printing on white, black and color cones/cylindrical shaped bottles/cups
Printing speed	60s/each
Printing height	0-230mm
Printing system	Automatic voltage and temperature control
Equipment dimensions	1700mm×1800mm×600mm
Application software	
Intuitive main interface design	
Basic operational parameters can be configured in the same interface	
ICC color management	
Choke & Spread option for White/Vanish ink	
Circular print head calibration; horizontal calibration	
Z-axis height control	
Anti-collision control	



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