SUBLISTAR®

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DIGITAL CYLINDER UV PRINTER

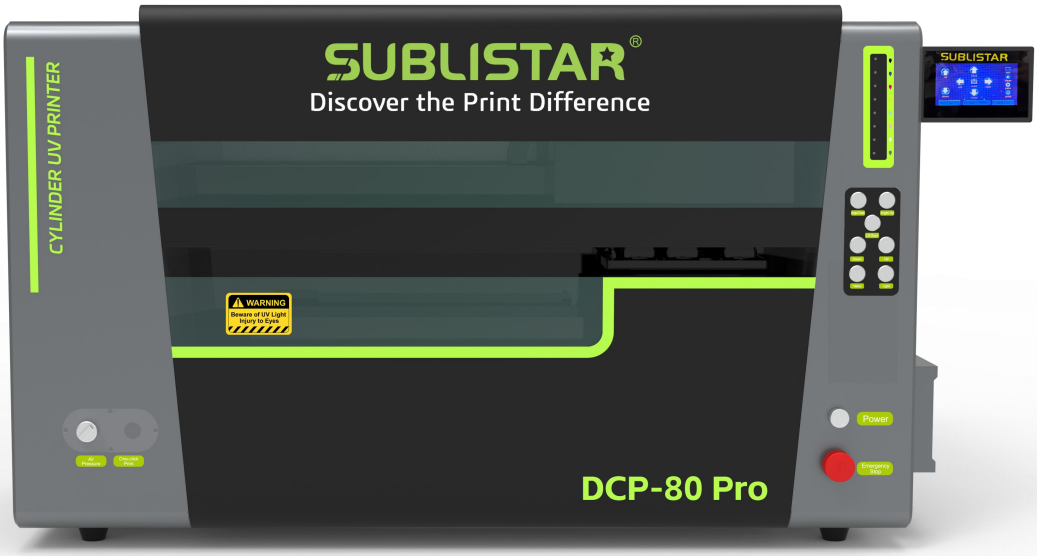
DCP-80Pro

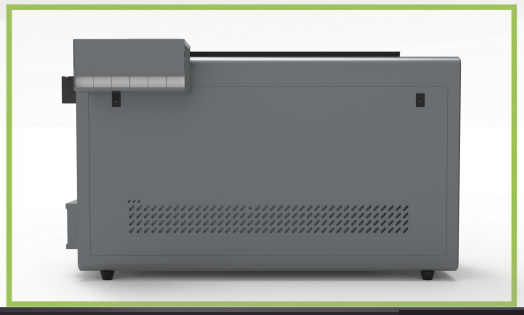
UV
UV INK

VSDT
Variable Sized Droplet Technology

2880 dpi
Nozzle Resolution

Epson I1600-U1 Print Head





Designed to print superior quality full-color images on straight-walled and tapered cylinders

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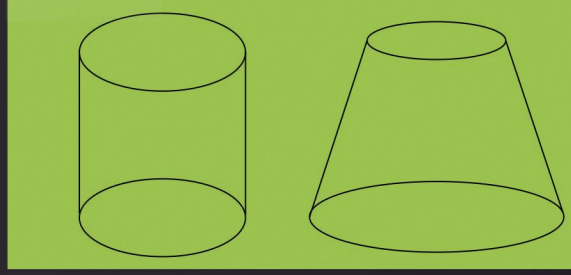
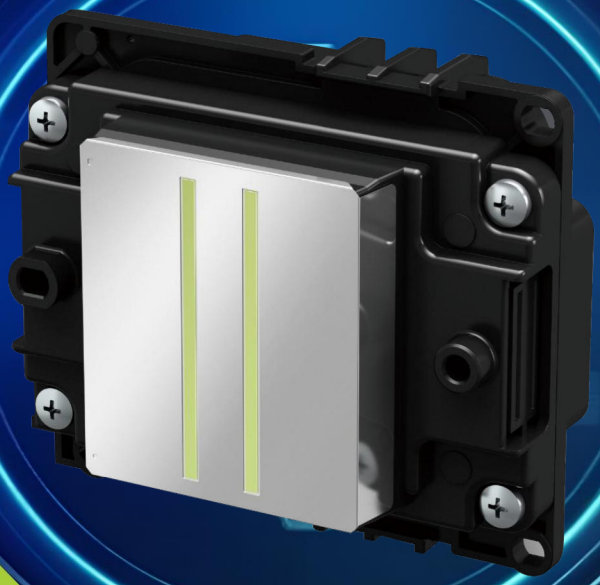


Specification

Product Specifications - Cylindrical UV Printer

Printer Name	Cylinder Digital UV Printer	
Printer Model	DCP-80Pro	
Printing Resolution	720DPI-2880DPI	
Print Head	EPSON I1600*3	EPSON I1600*4
Ink Mode	CMYK+W+V (Cyan, Magenta, Yellow, Black, White and Varnish)	CMYK+W+V (Cyan, Magenta,Yellow, Black, White and Varnish) and Primer
Print Size	0-240mm Length, 55-180mm Diameter, 12° Taper	
Ink System	Siphon positive pressure ink supply system	
Ink Type	Eco UV	
File Format	TIFF, JPEG, ESP, PDF, etc.	
Power	AC220V±10, 50HZ-60HZ	
Interface Type	High-speed 3.0 USB cable	
Working Environment	Temperature: 15-30℃, Humidity: 30%-70%	
Platform Jig	Special printing fixture	
Printer Size	1340*480*730mm	
Rated Power	1300W	
Curing System	Intelligent segmented controllable UV curing system	
Machine Weight	134kg	

I-Series Printheads:
Sublistar cylinder UV printer can equipped with three Epson I1600-U1 print heads. A cost-effective 1.33-inch-wide MEMS head series providing high productivity and high image quality with 600 dpi high-density resolution. Supports high drop printing up to 9mm at the same time.



Print Head

Epson I1600-U1 Print Head

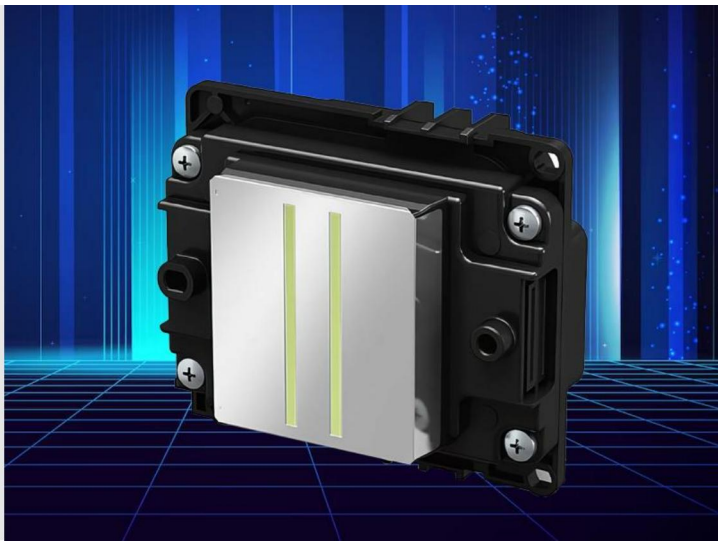
Model		I1600-U1
Compatible Ink		UV Ink
Dimensions (WidthxDepthx Height)		69.1mm x 59.4mm x 35.6mm
Weight(g)		60
Nozzle Numbers		1600
Length Between Nozzles(inch)		1/300
Nozzle Row		4 rows
Max color/head		4 colors
Resolution		300npi/row, 600npi/2row
Effective Printing Width(mm)		33.8
Droplet ejection performance(kHz)	Binary	5 pl (43.2kHz)
	3 levels grey scale	6,12.5 pl (21.6kHz)
	4 levels grey scale	3.8,6.2,9.3 pl (21.6kHz)
Viscosity range(mPa.s)		5-7 mPa.s

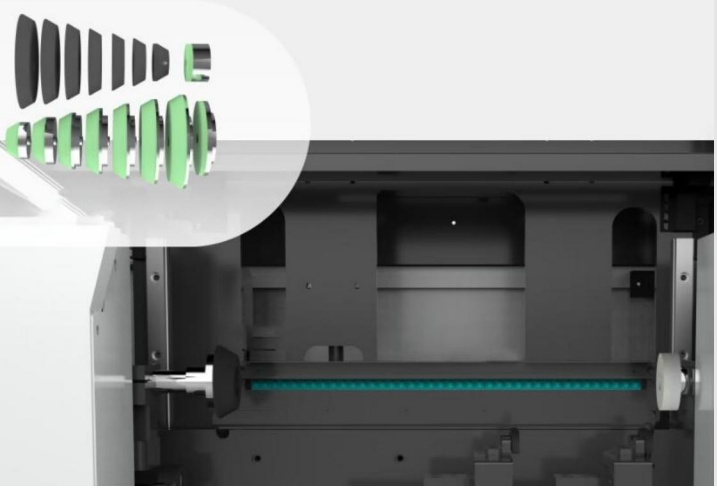
Details

Professional Features
- Digital Cylinder UV Printer

Variable Ink Drop Technology

Even the monochrome gradient effect can be performed well, the transition is natural, the ink dots are delicate, and the pattern is clear.



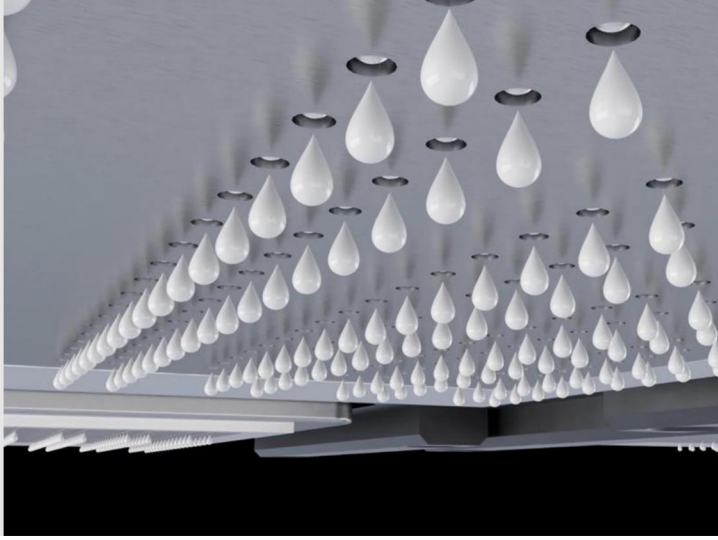


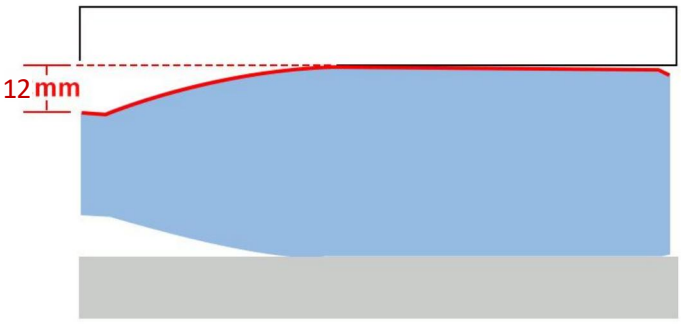
Easy Operation

Multi-diameter cylindrical fixtures meet the printing needs of various products, and the bottle adjustment fixture is equipped with scale adjustment, which is more convenient to operate.

Stable Ink Supply System

Adopt siphon positive pressure ink supply system, the ink supply is more stable, the secondary ink cartridge and the bottom plate have heating function, and intelligent temperature control makes printing more secure.





Powerful High-Drop Printing

Support 12mm high drop printing, laser automatically measures the product shape, achieves precise positioning, and easily and perfectly prints special-shaped products.

Various Print Size Available

Printing length 0-240mm, printing diameter 55-180mm, meet the needs of various types of products such as thermos cups, cylindrical electronic products, wine bottles, etc., with a wide range of applications.

Wide Usage With Good Adhesion

Support a variety of printing materials, whether conical or cylindrical, transparent or opaque, it can be perfectly printed on glass cups, water bottles, candles, golf balls, baseballs, food cans and other objects with good adhesion.

Application

Discover The Print Difference

SUBLISTAR®

SUBLISTAR Cylinder UV printer is a printer specially designed for printing round objects, with a wide range of applications and no material restrictions, such as stainless steel metal thermos cups, wine bottles, cosmetic bottles, tea cans, cans, etc. used in daily life.