

VersaObject IO-300

Flatbed UV printer

Production starts with precision



Direct-to-object
UV print

Industrial precision for
complex applications

Accuracy, repeatability
and durability



Industrial precision with
consistent results

- ▶ Delivers exceptional registration accuracy, crisp text and vibrant color across every production run.
- ▶ Precision alignment, an optional laser sensor and a rigid platform ensure repeatable results for industrial components, custom products and premium goods.
- ▶ From fine graphics and variable data to complex multi-layer printing, the IO-300 maintains outstanding consistency, even for demanding applications.



Versatile UV printing for
more applications

- ▶ Support for objects up to 204 mm high and a generous print area enables everything from industrial components and electronics to premium packaging and customized consumer products.
- ▶ Advanced multi-layer printing prints the return layer during the carriage return pass, reducing idle movement for faster, more accurate and efficient production.
- ▶ Choose durable EUV-H or flexible EUV-A inks to meet the requirements of a wide range of materials and applications.



A smarter workflow from
design to production

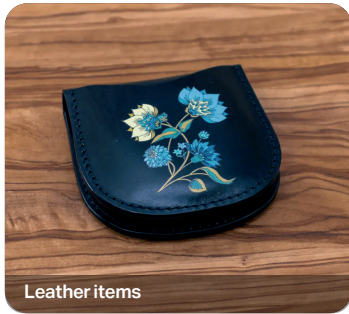
- ▶ Roland DG's integrated production ecosystem simplifies every stage, from artwork creation and jig design to printing and device monitoring.
- ▶ PrintAutoMate, Object Designer and VersaWorks 7 streamline setup, while Direct Print allows jobs to be selected and started directly from the printer.
- ▶ Roland DG Connect provides remote monitoring, production insights and maintenance tools to maximize uptime and keep workflows moving efficiently.

Additional Features

- + Integrated vacuum table and media alignment pins make positioning quick and repeatable, holding materials in place while simplifying origin setup.

+ VersaWorks 7 included, supporting efficient job processing and color tools designed for spot color workflows and consistent output.
- + Roland DG Connect ready, with remote printer management, proactive maintenance tools and real-time product data and diagnostics.

+ Supplied in 750 ml cartridges, EUV-A and EUV-H inks are low-VOC, while finished prints are GREENGUARD Gold certified.



Technical specs

IO-300		
Printing method		Piezo ink-jet method
Attachable objects to be printed on	Width	Max. 800 mm (31.4 in.)
	Length	Max. 545 mm (21.4 in.)
	Thickness	Max. 204 mm (8 in.)
	Weight	Max. 20 kg (44 lb.)
Printing width/length (width x length)		Max. 770 mm x 515 mm (30.3 in. x 20.2 in.)
Ink	Type	EUV-H, EUV-A 750 ml Pouch
	Colors	UV-Ink (EUV-H) : Six colors (cyan, magenta, yellow, black, gloss, and white x 2) and primer Six colors (cyan, magenta, yellow, black, gloss x 2, and white x 2) Four colors (cyan x 2, magenta x 2, yellow x 2, black x 2) UV-Ink (EUV-A) : Six colors (cyan, magenta, yellow, black, gloss x 2, and white x 2)
Ink-curing unit		Built-in UV-LED lamp
Printing resolution (dots per inch)		Max. 1,800 dpi
Connectivity		Ethernet (100BASE-TX/1,000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Rated input		100 - 240 Va.c. 50/60 Hz 6.5 A
Power consumption	During operation	Approx. 585 W
	Sleep mode	Approx. 245 W
Acoustic noise level	During operation	67 dB (A) or less
	During standby	64 dB (A) or less
Dimensions (Width x Depth x Height)		2,437 mm x 1,747 mm x 1,495 mm (96.0 in. x 68.8 in. x 58.9 in.)
Weight		475 kg (1,048 lb.)
Environment	During operation ^(*)	Temperature: 20 to 32 °C (68 to 89.6 °F), humidity: 35 to 80 % RH (no condensation)
	Not operating	Temperature: 5 to 40 °C (41 to 104 °F), humidity: 20 to 80 % RH (no condensation)
Included items		Power cord, cleaning liquid, drain bottle, User's Manual, software (VersaWorks, Roland DG Connect), etc.

*1 Operating environment (Use in an operating environment within this range.)

