



Instant Drying for Rapid Turnaround Times

RESIN/LATEX INK

VARIABLE DOT
PRINTING

INSTANT DRYING INK

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All the benefits of Resin/latex, with TrueVIS quality

- ▶ Piezo printheads are arranged in a dual, staggered formation with an optimiser printhead and dedicated CMYK printhead for a finer dot, resulting in more precise colour and image results.
- ▶ Redefining resin/latex printing with high-colour saturation on a wide range coated and uncoated media included non-PVC, vinyl, paper, film and more.
- ▶ GREENGUARD Gold Certified TrueVIS Resin/latex Ink meets the most rigorous standards for low VOC emissions into indoor air.

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Enhanced features with you in mind

- ▶ 7-inch, full-colour touch panel offers easy print options with intuitive settings and functions.
- ▶ Water-based TrueVIS Resin/latex Ink provides quick-drying, scratch-resistant, safe results on a wide range of media.
- ▶ New 700 ml high-capacity ink pouches.
- ▶ High-productivity Dryer Unit allows prints to dry quickly and completely before proceeding to the next process.



Superior colour and image output

- ▶ Exceptional colour and media stability over long or panelled print runs.
- ▶ TrueVIS Resin/latex Ink offers heavier colour saturation on PVC-free media than conventional latex ink and latex printers.
- ▶ Newly developed water-based resin/latex ink and innovative True Rich Color 3 preset work together to provide vibrant colour and natural-looking print quality.

Additional Features

- + VersaWorks 6 RIP Software is included with the new AP-640 to effortlessly manage your print output.
- + Roland DG Connect App included—gain a detailed understanding of your entire print operation while keeping your device running at optimum performance.
- + Media gap and feed compensation can now be adjusted automatically with a single button. The AP uses optical registration technology to ensure print accuracy and avoid variations in output.
- + The best ink adhesion and stretchability on a wide range of media.

Technical Specs

		AP-640
Printing method		Piezo inkjet method
Dimensions		2,886 mm × 836 mm × 1,550mm (113.7 in. × 33 in. × 61.1 in.)
Weight		266 kg (587 lb.)
Media	Width	259 to 1,625 mm (10.2 to 64 in.)
	Thickness	Max. 1.0 mm (0.039 in.) with liner
	Roll outer diameter	Max. 250 mm (9.8 in.)
	Roll weight	Max. 45 kg (99 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)
Ink	Type	Resin/latex ink 700 ml pouch
	Colours	Four colours (Cyan, Magenta, Yellow, and Black) and optimiser
Printing width		Max. 1,615 mm (63.5 in.)
Resolution		Max. 1,200 dpi
Ink drying system		Print heater set temperature: 25 to 45°C (77 to 113°F) Dryer set temperature: 70 to 110°C (158 to 230°F)
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Rated power		Printer: 200-240 Va.c. 50/60 Hz 3 A Dryer 1: 200-240 Va.c. 50/60 Hz 10 A Dryer 2: 200-240 Va.c. 50/60 Hz 10 A
Power consumption	During operation	Approx. 4,000 W
	Sleep mode	Approx. 65 W
Acoustic noise level	During operation	69 dB (A) or less
	During standby	53 dB (A) or less
Included items		Dedicated stand, power cords, dryers, media take-up unit, media holders, separating knife, replacement blade, cleaning liquid bottle for maintenance, drain bottle, User's Manual, software (VersaWorks, Roland DG Connect), etc.

AUTHORISED DEALER:



www.rolanddg.eu