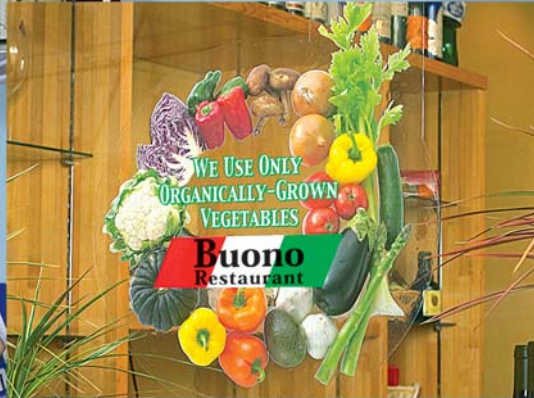


SOLJET PRO II V
Sign Maker by Roland DG Corporation

SC-545EXW



Introducing the World's First White Eco-Solvent™ Ink.

Roland is pleased to announce White ECO-SOL INK, the industry's first eco-solvent ink and the only white ink solution available today that takes advantage of Roland integrated print/cut technology.



Features of the SOLJET PROIIV SC-545EXW with White ECO-SOL INK:

- Prints White + CMYK
- 54"-wide inkjet printer and contour cutter in one device
- Ideal for window signs or proofing system for gravure printing
- Roland VersaWorks professional software RIP included
- Environmentally-friendly ECO-SOLINK requires no special ventilation

*Accelerated tests conducted by Roland DG.

WHITE INK

- The pigment in white ink will settle in the cartridge and ink flow system.
- Due to the nature of white ink, you must shake the cartridge before each use and periodic maintenance to prevent clogged nozzles.
- We recommend using a drying system to dry white ink thoroughly before printing CMYK over white ink.
- Some color shift may occur when printing CMYK over white ink.
- The longevity of white ink is less than CMYK and is affected by environmental conditions.

SPECIFICATIONS

Printing/cutting method		Piezo ink-jet method/media-moving method	Ink-fixing device *4	Print heater, Setting range for the preset temperature: 35 to 50 °C (96 to 122 °F)	
Acceptable media widths	While the print heater is running	500 to 1371 mm (19-11/16 to 54 in.)	Interface	Ethernet (10BASE-T/100BASE-TX, automatic switching)	
	While the print heater is not running	210 to 1371 mm (8-5/16 to 54 in.)	Power-saving function	Automatic sleep feature	
Printing/cutting width		Maximum 1346 mm (53 in.)	Power supply	Voltage and frequency AC 117 V ± 10 %, 50/60 Hz or AC 220 to 240 V ± 10 %, 50/60 Hz	
Ink cartridges	Type	Exclusive ECO-SOL INK cartridge	Required power capacity	4.5 A (117 V) or 2.6 A (220 to 240 V)	
	Capacity	220 cc ± 5 cc	Power consumption	During operation Approx. 500 W (117 V) or 610 W (220 to 240 V)	
	Color	Five colors (cyan, magenta, yellow, black and white)	Sleep mode	Approx. 55 W	
Printing resolution (Printing dot resolution)		Maximum 1440 dpi	Acoustic noise level	During operation 65 dB (A) or less (according to ISO 7779)	
Acceptable tool		Special blade for CAMM-1 series	During standby	40 dB (A) or less (according to ISO 7779)	
Cutting speed		10 to 600 mm/s (10 to 300 mm/s in the media-feed direction)	Dimensions (With stand)	2699 (W) x 742 (D) x 1300 (H) mm (106-5/16 (W) x 29-1/4 (D) x 51-3/16 (H) in.)	
Blade force		30 to 300 gf	Weight (With stand)	153 kg (338 lb.)	
Blade offset compensation		0.000 to 1.500 mm (0 to 0.0591 in.)	Packed dimensions	2835 (W) x 850 (D) x 1005 (H) mm (111-5/8 (W) x 33-1/2 (D) x 39-5/8 (H) in.)	
Software resolution (When cutting)		0.025 mm/step (0.00984 in./step)	Packed weight	221 kg (487 lb.)	
Distance accuracy	While the print heater is running*1	Error of less than ± 0.3 % of distance traveled, or ± 0.3 mm, whichever is greater	Environment	Power on	Temperature: 15 to 32 °C (59 to 89.6 °F) (20 °C (68 °F) or more recommended), humidity: 35 to 80 % (no condensation)
	While the print heater is not running*2	Error of less than ± 0.3 % of distance traveled, or ± 0.3 mm, whichever is greater		Power off	Temperature: 5 to 40 °C (41 to 104 °F), humidity: 20 to 80 % (no condensation)
Distance accuracy (When cutting)*3		Error of less than ± 0.4 % of distance traveled, or ± 0.3 mm, whichever is greater When distance correction has been performed (when the setting for [CALIBRATION] - [CUTTING ADJ.] has been made): Error of less than ± 0.2 % of distance traveled, or ± 0.1 mm, whichever is greater	Included items		Power cord: 1, exclusive stand: 1, hexagonal wrench: 1, pipe: 1, media flanges: 2, flange retaining pins: 2, drain bottle: 1, bottle stand: 1, transport bars: 2, media reinforcement pipe: 1, Software RIP: 1, user's manual: 1, replacement blade for separating knife: 1, Roland-PrintServer CD-ROM: 1, Roland-PrintServer Network Settings Guide: 1, SOL INK cleaning cartridges: 4, cleaning kit: 1 (cleaning sticks: 10, tweezers: 1, wipers: 2)

*1 Media type: Roland SV-G-1270G, print travel: 1 m. Preset temperature for the print heater: 40 °C. Temperature: 20 °C, humidity: 50 % *2 Media type: Roland PET-G-1050, print travel: 1 m *3 Not assured when the print heater is used.

*4 Variations in temperature may occur depending on conditions or the width of the media.

OPTIONS

ECO-SOL MEDIA	ESP-CL-1300	Transparent PET film, 1300 mm x 30 m (51-2/16' x 98')
	SP-CL-515T	Transparent PET film with adhesive, 515 mm x 20 m (20-4/16' x 65')
ECO-SOL MAX	ESL-MG	Magenta, 220 cc
	ESL-YE	Yellow, 220 cc
	ESL-CY	Cyan, 220 cc
	ESL-BK	Black, 220 cc
	ESL-WH	White, 220 cc
Cleaning liquid	SL-CL	1 pc.
Blades	ZEC-U1005	For signage vinyl in general, 5 pcs.
	ZEC-U5025	For thick, reflective and fluorescent vinyl, 5 pcs.
Blade holders	XD-CH3	Blade holder with blade extension adjuster, made of resin
	XD-CH2	Blade holder with blade extension adjuster, made of aluminum

ISO 14001 and ISO 9001:2000 Certified

Roland pursues both environmental protection and continuous quality improvement. Under the philosophy of preserving the environment and human health, Roland DG is actively working to abolish organic solvents in production, to reduce and recycle waste, to reduce power use, and to purchase recycled products. Roland DG constantly strives to provide the most highly reliable products available.



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