

Roland SC-540 EX Print and Cut ★★★★★



Technical Specification Roland Digital Printer and Cutter SC-540 EX – *This sheet is being offered to supply general specifications for the SC-540 as the spec sheet for that unit is no longer available.*

MODEL	SC-540 EX
Printing Technology	6-color, Piezo inkjet method
Print Resolution	450 x 360 / 360 x 720 / 720 x 720 / 720 x 1440 / 1440 x 1440 dpi selectable
Printing Width	8-5/16" to 53 9/16" (210 to 1361 mm)
Feed Distance Accuracy	Uncorrected: ±0.3 mm or ±0.3 % of printed length, whichever is greater (using Roland PET-G film, print travel distance is 1m)
Conditions for Usable Materials	Maximum printable material thickness including base paper: 0.039 in. (1.0 mm) Maximum diameter for roll material: 7-1/16 in. (180 mm) Core inner diameter for roll material: 2 in. or 3 in. (50.8mm or 76.2 mm) Maximum weight for roll material: 44.1 lb. (20 kg)
Media Width	8 5/16" (210 mm) to 54" (1371 mm) wide
Ink Types	Eco-SOL INK: CMYK + Light cyan (Lc), Light magenta (Lm)
Ink Cartridge	220 ml ± 5 ml per color
Ink Monitoring	Ink level indicator for each color, Ink low warning system with programmable auto pause
Print Margin	Front edge : 3.80" (96.5 mm) , Rear edge : 3.54" (90 mm), Left and Right : 0.394" (10 mm) Margin between pages : 0" - 3.94" (variable), default : 0.394"
Media Feed	Roll & sheet (no less than A4 size or 8-5/16" (210 mm) wide
Media Handling	Auto roll feed mechanism, auto sheet cutter, media take-up system (optional)
Media Sensor	Sides/ Front edge and rear edge

Head Height	3 step adjustable, 0.047"(1.2 mm), 0.083"(2.1 mm), 0.126" (3.2 mm)
Head Cleaning	Automatic and manual built-in cleaning system
Safety Cover	Safety interlock with auto shut down
Interface, Std.	Bi-direction Parallel (IEEE1284:nibble mode, ECP mode (non compression)) and Ethernet 10Base-T or 100Base-TX
Languages	RD-RTL (Printing), RD-PJL
Power-saving function	Auto-sleep
Power supply	100V - 240V \pm 10% 50/60Hz
Power consumption	Printing mode : Max 2.0A/100V - 240V \pm 10% 50/60 Hz Standby mode : Max 0.6A/100V - 240V \pm 10% 50/60 Hz
Acoustic noise level	Printing mode: 65db or less (According to ISO7779) Standby mode : 40db or less (According to ISO7779)
Environmental requirements	59 – 89.6 °F (15 - 32 °C), 35-80 % Relative Humidity (non- condensing)
Storage conditions	41 – 104 °F (5 - 40 °C), 20-80 % Relative Humidity (non- condensing)
Dimensions with stand	106 5/16" [W] x 51 3/16" [H] x 29 1/4" [D] (2699 mm x 1300 mm x 742 mm)
Weight with stand	321.8 lb (146 kg)
Media Heating System	40-50° C (104-122° F)
Accessories	Power cord / Drain bottle / Transport Bars (2) / Replacement blade for separating knife / Cleaning kit / Roland- PrintServer CD / Roland PrintServer Network Settings Guide / cleaning kit / User's manual / SOL INK cleaning cartridges (4)