

EGX-30A Desktop Engraver Specifications

Model	EGX-30A
Table	12 x 8 1/16th in (305 x 205 mm)
Max. operation area	12 x 8 1/16th in (305 x 205 mm)
Feed rate	1 15/16th in/sec. (50mm/sec.)
Mechanical resolution	0.000394 in/step (0.01mm/step), 0.0000492 in/step (0.00125mm/step) using micro step control.
Software resolution	0.000394 in/step (0.01mm/step)
Distance accuracy	0.000394 in/step (+/-0.1mm) or +/-0.5% of moving distance, Whichever is greater.
Right-angle accuracy	+/-0.000394in (12 1/16" in), +/-1mm (305mm)
Spindle motor	Brushless DC motor, maximum 27W
Revolution speed	5,000 to 10,000 rpm
Engraving tool mounting diameter	1/8in. (3.175mm)
Acceptable engraving materials	Plastics (ABS, Acrylic) and Brass and Aluminum for Scribing
Speed of tool up / down movement	1 per sec.
Interface	USB 1.1 (compliant with Universal Serial Bus Specification Rev. 1.1), Serial (RS-232C compliant)
LED	Operation indicators 2 (PAUSE/VIEW, ORIGIN POINT/SET ORIGIN POINT,) Mode Indicators 2 (ENGRAVER/SCORE)
Control panel keys	↑,↓,←,→, SET SURFACE/TEST, PAUSE/VIEW, ORIGIN POINT/SET ORIGIN POINT, SELECT
Power requirements	Dedicated AC Adapter: AC 100 to 240V +/- 10% 50/60 Hz Machine: DC 24V, 0.7A
Acoustic noise level	Operation Mode: 70 dB (A) or less, Standby mode: 40dB (A) or less (According to ISO 7779)
External dimensions	20-1/4 in. (W) x 19-3/8 in. (D) x 8-9/16 in. (H) 513 mm (W) x 491 mm (D) x 217 mm (H)
Weight	13.2 kg (29.1 lb.)
Packed dimensions	34 in. (W) x 24 in. (D) x 12 in. (H) 863.6 mm (W) x 609.6 mm (D) x 304.8 mm (H)
Packed weight	37.5 lb. (17.0 kg)
Operation temperature	41 to 104°F (5 to 40°C)
Operation humidity	35 to 80% (no condensation)
Accessories	AC Adapter, Power cord, USB Cable, Dust collector hose and duct, Character cutter, Engraving-tool holder, Diamond scribe adapter, Hexagonal screw driver, Spanner, Hexagonal wrench, Test material, Adhesive sheet for securing material, Roland Software package CD-ROM, User's manual

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