EGX-360 Gift Engraver Product Specifications

Workpiece-table size		Width x depth: 12 x 9.1 in. (305 x 230 mm)
Cuttable materials	Flat engraving/ Cylindrical engraving	Acrylics, aluminum, brass, stainless steel, and glass (*)
	Ring engraving, inner or outer surface (**)	Brass, silver, gold, etc.
Loadable workpiece weight (when using the motorized vise jaw)		9.4 lbs (4.3 kg), including the weight of jig
X, Y, and Z operation strokes		X, Y, and Z: 12 x 9.1 x 1.6 in. (305 x 230 x 40 mm)
Maximum angle of rotation		During engraving: ±360°
X-, Y-, Z-, and A-axis drive system		Stepping motor
Operating speed		X and Y axes: 0.004 to 2.4 in./sec (0.1 to 60 mm/sec.) Z axis: 0.004 to 1.2 in./sec (0.1 to 30 mm/sec.) A axis: 9 rpm
Mechanical resolution		X and Y axes: 0.0001 in./step (0.0025 mm/step) Z axis: 0.00005 in./step (0.00125 mm/step) A axis: 0.045°
Spindle motor		Brushless DC motor, maximum 50 W
Spindle speed		5,000 to 20,000 rpm
Tool chuck		Cutter holder, collet method
Loadable workpiece thickness (when using the flat table)		Maximum 3.1 in. (80 mm), 3.0 in. (78 mm) when nose unit is used
Interface		USB (compliant with Universal Serial Bus Specification Revision 1.1) Serial (RS-232C-compliant)
Internal memory		4 MB
Control command set		RML-1
Required power-supply		Voltage and frequency: AC 100 to 120 V/220 to 240 V ±10%, 50/60 Hz (overvoltage category II, IEC 60664-1) Required power capacity: 1.9 A (100 to 120 V)/0.8 A (220 to 240 V)
Power consumption		80 W
Operating noise		During operation: 60 dB(A) or less (when not cutting), during standby: 40 dB(A) or less (as specified by ISO 7779)
External dimensions		Height x width x depth: 29.8 x 25.2 x 26.6 in. (755× 639× 675 mm)
Weight		186 lb (84 kg)
Installation Environment		Operating environment: Temperature of 41 to 104°F (5 to 40°C), 35 to 80% relative humidity (no condensation) Ambient pollution degree: 3 (as specified by IEC 60664-1)
Included items		Power cord, depth regulator nose (nose unit), nose-unit retainer (retaining screw, spring), diamond scraper (diameter 4.36 mm), flat table, spare mounting screw (for the cutter holder), wrench, solid collet for diamond scraper (diameter 4.36 mm), solid collet (diameter 4.36 mm) , solid collet (diameter 3.175 mm), Cylindrical-engraving adapter, cup cones, face plates, Standard jigs, Pen jigs, water nose attachment, face-plate mounting screws, standard-jig retaining screw, pin jigs, flat-table securing screw, hexagonal screwdriver, hexagonal wrench, handy panel, adhesive sheet, lubricant filter, vacuum adapter for chip cleaning, Dust tray, USB cable, Roland Software Package CD-ROM, Roland EngraveStudio CD-ROM, Roland EngraveStudio Software Guide, and EGX-360 Startup and Maintenance Guide.
Supported Operating Systems		Windows 2000/XP/VISTA (32 bit only)

(*) Cutters or attachments available separately are required.
(**) Jigs and cutters available separately are required.