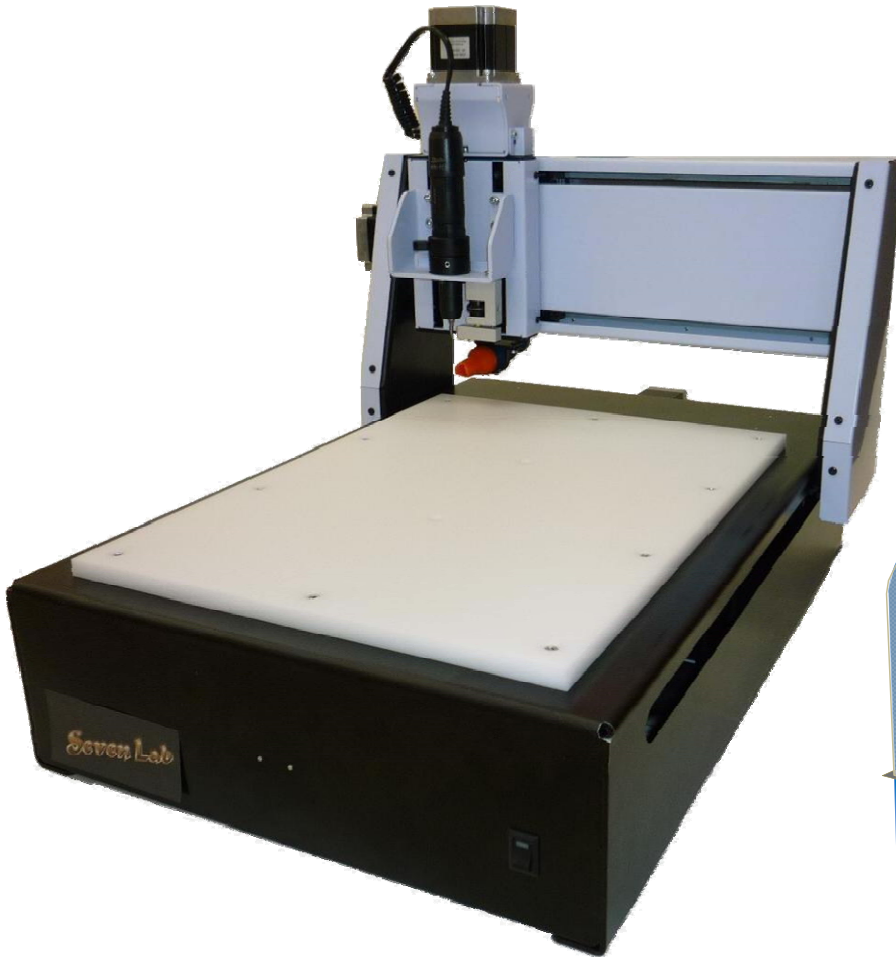


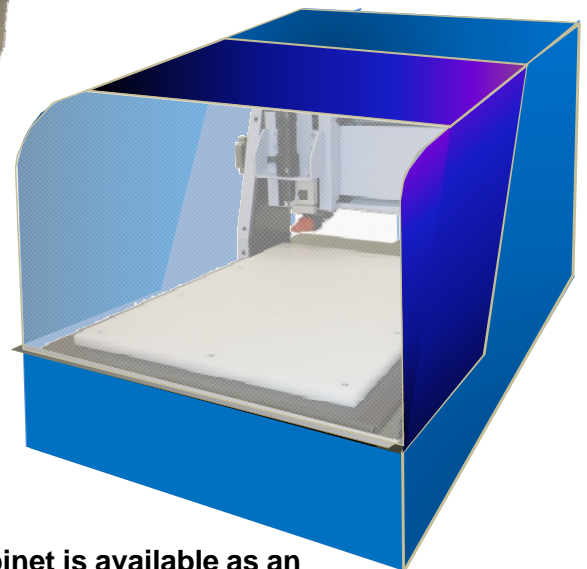
Eleven Lab

New Standard Model

Low-cost, wide range table size, XYZ triple-axes control, high resolution, standard camera monitoring system.



USD 9,900 F.O.B. Japan
(With Cabinet USD 11,600)



Working area: 230 x 320mm (9" x 12.6")

Cabinet is available as an optional item.

Suitable for processing normal substrate boards up to approximately A4 size (210mm x 297mm).

Standard camera monitoring system :

Magnify the surface of the board and display on a monitor. You can easily adjust the right position while viewing display. (Maximum useful magnification depends on the size of the screen)

Specifications and product details are subject to change without notice.

◆ Specifications

| | |
|--|---|
| Model | Eleven Lab |
| Minimum pattern width | 0.1 mm (4 mil) |
| Minimum milling width | 0.1 mm (4 mil) |
| Working area | 230 x 320 x 57 mm (9" x 12.6" x 2.24") |
| Table size | 296 x 396 mm (11.6" x 15.6") |
| Control motor | X, Y, Z |
| Resolution *1 | 0.625 μm (0.0246 mil) |
| Control motor | Stepper Motor |
| Maximum travel speed *2 | 55 mm/sec (2.17") |
| Spindle speed | 5,000 - 41,000 min-1 |
| Spindle motor | DC Spindle |
| Drilling | 0.2 - 3.175 mm (8 - 125 mil) |
| Maximum drilling cycle *3 | 80 cycles/min. |
| Maximum thickness of processed material *4 | 10 mm (0.4") |
| Tool change | Lever action clamp |
| Power consumption | 100 / 240 V, 50-60 Hz, 150VA |
| Dimensions W x D x H | 435 x 575 x 430 mm (17.2" x 23" x 17") |
| with option cabinet | 462 x 575 x 467 mm (18.2" x 23" x 19") |
| Machine weight | Approx. 28 kg (62 lbs) |
| with option cabinet | Approx. 38 kg (84 lbs) |
| Fiducial positioning camera (USB) | ○*5 |
| Interface | USB x 1, RS-232C x 1 |
| Standard equipement | Software : EASY CAD , Conversion & CAM |
| Features | Affordable, Standard Compact type, linear guide(All |

*1 The smallest traveling figures for ordering each 3 axis movement.

They do not represent the accuracy of axis positioning.

*2 Optimum speed for cutting depends on tool, material of board and so on.

*3 This is a repeat count of drill's up and down on the maximum stroke.

Optimum strokes depends on the diameter of tool.

*4 Value of the thickness of the material on the work table.

This value does not show the maximum drilling stroke.

*5 Maximum useful magnification depends on the size of the screen.