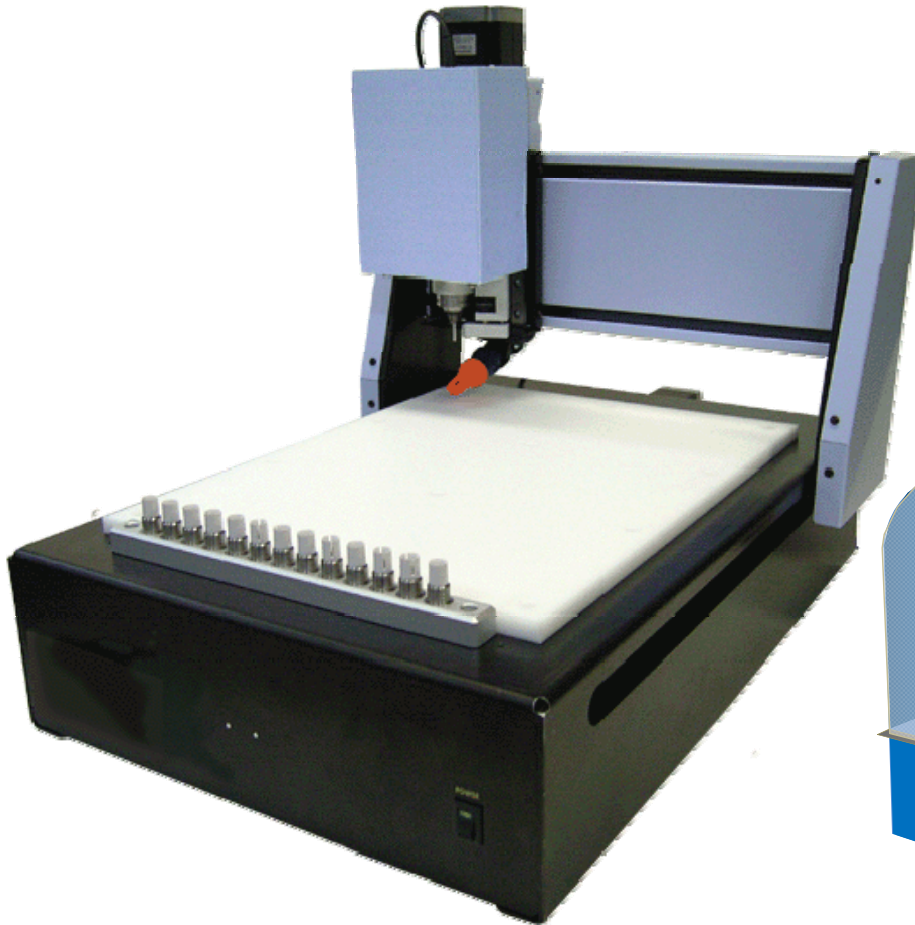
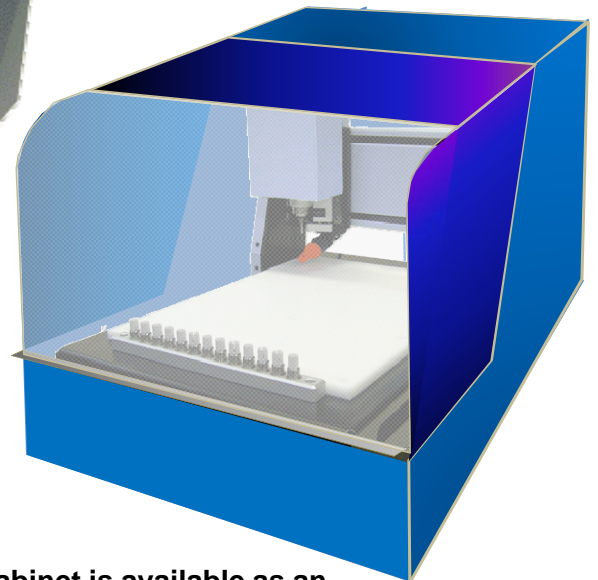


Popular Auto-Tool-Change Machine

Low-cost, Compact ATC machine, High resolution, standard camera monitoring system.



USD 15,200 F.O.B. Japan
(With Cabinet USD 16,900)



Working area: 230 x 310mm (9" x 12.2")

Cabinet is available as an optional item.

Suitable for processing normal substrate boards up to approximately A4 size (210mm x 297mm). Compact Auto-Tool-Change (ATC) machine.

Tool change employs the electrical function without using the air compressor.

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	Auto Lab
Minimum pattern width	0.1 mm (4 mil)
Minimum milling width	0.1mm (4 mil)
Working area	230 x 310 x 57 mm (9" x 12.2" x 2.24")
Table size	296 x 370 mm (11.6" x 14.5")
Control motor	X, Y, Z
Resolution *1	0.156 µm (0.00614 mil)
Control motor	Stepper Motor
Maximum travel speed *2	55 mm/sec (2.17")
Spindle speed	5,000 - 62,000 min-1
Spindle motor	DC brushless 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	Automatic / 13
Power consumption	100 / 240 V, 50-60 Hz, 200VA
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. 34 kg (76 lbs)
with option cabinet	Approx. 44 kg (99 lbs)
Fiducial positioning camera (USB)	○*5
Interface	USB x 1, RS-232C x 1
Standard equipment	Software : EASY CAD , Conversion & CAM
Features	Affordable Auto-tool-change, linear guide(All axes)

- *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.