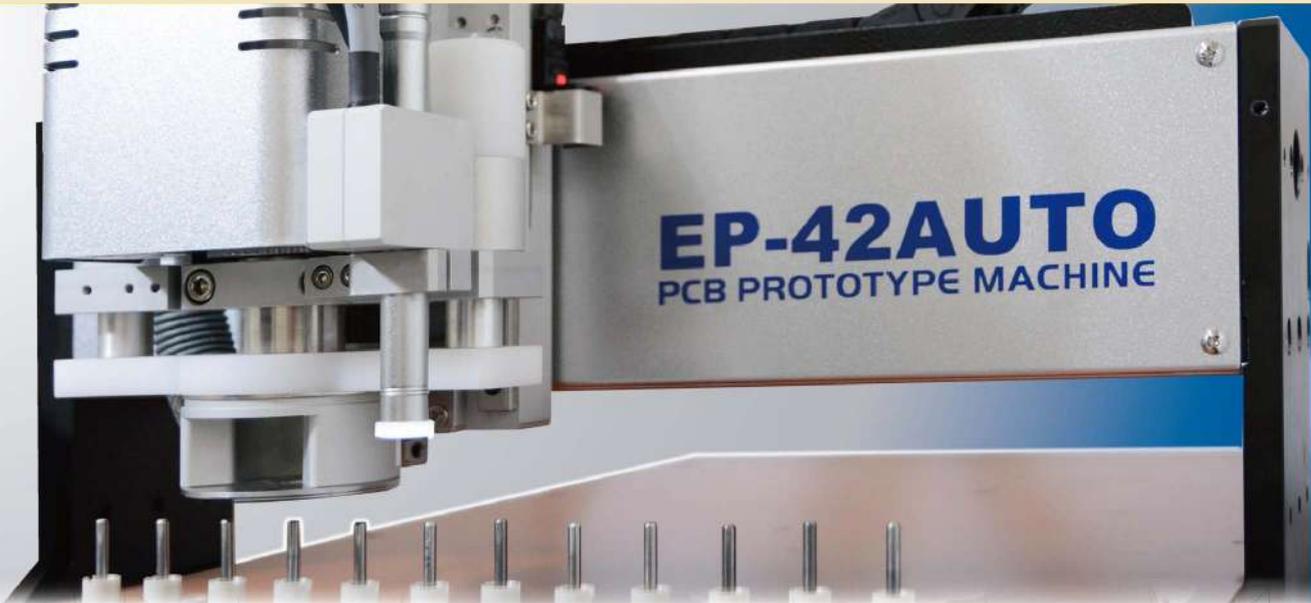


**Easy Operate by one Key/ A new generation of advanced PCB making**



**Environmental  
Friendly**



**Confidentiality**



**Rapid  
PCB Making Operation**



**High Precision**



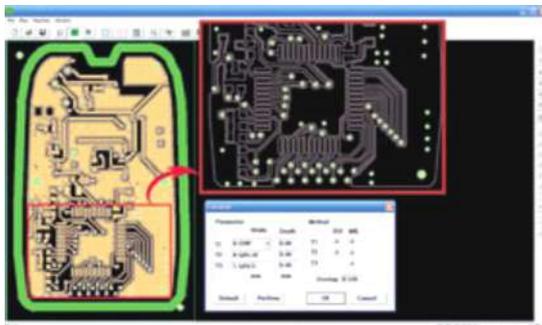
**High Rpm**



### Features

- Everprecision equipment offers cost-effective, environmentally friendly equipment for each stage of the prototyping process, from design verification to structuring and board assembly. It allows customers to produce fully functioning boards quickly and easily by drilling/milling/engraving/routing, mil track and trace.
- Auto Tool Change is up to 12 tools are automatically changed during production. This reduces set-up times and allows for unattended production.
- 42,000 rpm spindle motor ensures the shortest machining times and highest accuracy. It can be control spindle speed by software and apply to 4 mil track and trace.

**PCAM Software:** PCAM is compatible with all windows system and accepts standard RS274D/X format Gerber files exported from Layout Software like : P-Cad/ allegro / protel /ALTIUM Designer/ Power PCB(PADS)/ORCAD, etc



**Vision Align System:** Optical CCD Align system (camera) Significantly faster and more accurate than the front and back system. Virtually indispensable in structuring multilayer boards and double-sided PCBs. Includes automatic tool length inspection and automatic board surface detecting.



### Thru-hole Application

- No pollution / environmental friendly
- Easy Operation / cost saving
- Apply to minimal 0.2mm holes
- Working Area : 220mm X 320mm
- Resistance range : 0.02~0.1



### Tools

#### 1. Engrave Tool :

For engraving trace and pad.

#### 2. End-mill Tool :

For copper removing.

#### 3. Drill Bit :

For drilling holes

#### 4. Router Bit :

For PCB outline cutting.



Technical Specifications	EP-42	EP-42 Auto
Working Area	320 X 230 X 50 mm	320 X 230 X 50 mm
Resolution	0.5 m	0.5 m
Control Motor	X.Y.Z / Stepping Motor	X.Y.Z / Stepping Motor
MAX. Travel Speed	60 mm/sec	60 mm/sec
MIN. Trace Width	4 mil	4 mil
MAX. Working Speed	30 mm/sec	30 mm/sec
Drilling	0.2-3.175 mm	0.2-3.175 mm
Drilling Performance	120 Stroke/min	120 Stroke/min
Tool Change	Semi-Automatic	Automatic (12 positions)
Tool Holder	1/8" Socket	1/8" Socket
Tool Length Detect	Auto Tool Length Detect	Auto Tool Length Detect
Surface Detect	Auto Tool Length Detect	Auto Tool Length Detect
Spindle Speed	5,000-42,000 rpm (Software Control)	5,000-42,000 rpm (Software Control)
Machine Weight	58.5Kg	60Kg
Power Consumption	AC 110-220 V	AC 110-220 V
Dust Enclosure	Applied	Applied