



This machine is capable to replicate software design on the PCB with high precision and accuracy, and also without investing much of your valuable time and efforts, we have an exciting solution for you.

It is a compact PCB Prototype Machine provides several features which can make your life easier, With this new electromechanical utility, you can escape cumbersome task of traditional PCB designing which involves time taking etching and drilling processes.

Get rid of dealing with chemicals which often spoil your hands and are harmful to you and environment as well. Provided with USB connectivity, it can make your desired circuits on the PCB within minutes. Accompanied design software provides simple and elegant interface which is user-friendly, and can even be operated by novice Engineers and Students.

Specification:-

- Versatile PCB prototyping
- PC based Software with interactive GUI
- Auto depth adjustment
- PCB Viewer
- Position Selection facility
- Support Gerber, G-code, Image, svg, dxf
- Excellent work area
- Rugged and fully protected
- Micro drilling & milling
- Excellent Finishing of job work
- Easy to operate
- Step by Step execution
- Smooth Processing
- Chemical free operation
- Design two layer PCB
- USB Interface

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
 India Sales: +91-9588842361



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- Emergency Stop
- Energy efficient

Compact Prototype Machine		
PCB Prototype Machine with Purpose of the Machine	Enclosure Single Sided and Double Sided PCB	Yes
Working area X Axis in mm	up to 304	Yes
Working area in V Axis in mm	up to 304	Yes
Working Area z Axis in mm	up to 100	Yes
Resolution in micrometer	0.1	Yes
Tool Change operation	Manual	Yes
Angle of engraving bit in degree	45, 60, 75, 90	Yes
Auto Bit Protection feature	Yes	Yes
Available software for import of design made	Gerber, G-code, Image, svg, dxf	Yes
Supports Diameter of Drill bit in mm	0.3,0.4,0.5,0.6,0.7,0.8,0.9,1,1.1,1.2,1.3,1.4,1.5,1.6,1.7,1.8,1.9,2,2.1,2.2,2.3,2.4,2.5,2.6,2.7, 2.8,2.9,3,3.1,3.2,3.3,3.4,3.5	Yes
Diameter of engraving bit in mm	0.1,0.2,0.3,0.4,0.5	Yes
Diameter of routing bit in mm	1,1.5,2,2.5,3	Yes
Drill Depth Sensing and Adjusting Feature	Yes	Yes
Drilling performance in terms of number of stroke per minute	100	Yes
Maximum working Speed in mm/s	100	Yes
Minimum Drill Diameter in mm	0.1	Yes
Minimum Trace Width in mm	0.1	Yes
No of Double Sided PCB Supplied with the Machine	4	Yes
No of Single Sided PCB Supplied with Machine	4	Yes
Quantity of Drill Bits supplied with the Machine	5	Yes
Quantity of Engraving Bit	3	Yes
Quantity of Routing Bit	2	Yes
Size of Tool holder/ Collet in inches	ONE BY EIGHT	Yes
Spindle Speed in RPM	10000 /25000 / 30000	Yes
Surface inspection feature to check uniformity of Surface	Yes	Yes

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The operations performed by the Machine	Drilling, Milling, Engraving, Routing	Yes
Tool length detection feature	Yes	Yes
Power in watts	250 / 320 / 500/ 800 watt	Yes
Weight	29kg (approximately)	Yes
Sound / Dust Enclosure	Integrated	Yes
Operating system	Windows XP/7/8/10 (32/64 bit)	Yes
X/V/Z Driver	Stepping Motor	Yes
Spindle Motor	BLDC Motor	Yes
Input Supply	110 / 220VAc, 60 / 50 Hz	Yes
Framing	Aluminum	Yes



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