

SRM-20 MILLING MACHINE

High precision desktop CNC is used in the fab lab to mechanically etch Copper clad board(PCB) to isolate traces. The mechanical etching allows creating PCBs with a minimum width of 0.3mm and minimum gap between the traces as 0.4mm. Apart from the PCB prototyping, the machine is also used for making wax molds to cast silicone rubber parts or to be used in investment casting process where the wax is replaced by a hot metal.

FEATURES

Work Area	: 8" x 6" x 2.38"
Loadable Workpiece Size	: 8" x 6" x 2.8"
Table Size	: 9.14" x 6.17"
Max Tool Size	: 1/4"
Spindle Speed	: 3000-7000 rpm
Operating Speed	: 1.18 in/sec or 30mm/sec
Mechanical Resolution	: 0.00008inch
Acoustic Noise Level	: 45-65dB (A)
Computer Interface	: USB
Computer OS	: Win 10, 8, 7
Size	: 18" Wide x 17" Deep x 17" Height
Weight	: 44lbs
Power	: 110V / 2.5A

