



JET 34d Spray Etching Machine



The Jet34d is a low cost rotary etching machine ideally suited to the manufacture of prototype and small batch quantities of PCBs. As well as etching, the unit can also be used for spray developing and spray resist stripping. The machine is of a sturdy PVC construction and is mounted on a stand which places the machine at a convenient working height. Etching solution is contained in a tank at the base of the machine. It is heated by a powerful quartz heater which assures a short warm up time and constant temperature which is controlled electronically. Boards up to 300 x 500mm can be etched although several smaller boards can be placed in the special board carrier, the handle of which protrudes out of the machine eliminating operator contact with the etchant. The machine etches one side at a time and so for double sided PCBs the board holder is rotated 180° before the second etching cycle. In front of the etching chamber is a built in overflow wash tank for the rinsing of the etched boards. The triangular form of the body of the machine makes it ideal to place in a corner of a room. The efficiency of this spray etcher has been proven by line resolution of better than 0.1mm and etching speed of only 90 seconds with fresh ferric chloride.

Maximum panel size: 300 x 500mm
Sump Capacity: 30 litres
Dimensions: Width 650mm x Depth 690mm
Electrics: 220-240V/60Hz 1ph



