

REF. : **BB4.2**

VERTICAL ETCHING MACHINE WITH HEATER BB4.2



- Model with large working area of 235 x 330 mm
- Thermostated heater - +36° to +45° C
- Glass thermometer included
- Frame in PVC with transparent acrylic tank
- Perfect for first and second grade education and laboratories.
- to be used with ammonium persulfate
- PCB fixed by PVC support. Possibility to put several card by support
- Small tank capacity, 2,25 liters
- Etching acceleration thanks to bubbles. Diaphragm pump included

The etching machine BB4.2 is used in laboratory and small batch production of producing printed circuit boards as well as for etching metal foils used in model making.

Special feature of the device is it's cuvette from acrylic glass. Thereby the etching process can be observed at any time.

During the etching process, the etching liquid are fed tiny air bubbles. This is accomplished by a diaphragm pump and an aeration frame with air curtain tube in the bottom of the device.

Further the etching device includes a glass heater for heating up the etching solution up to 45° C, a PCB-holder for carrying the printed circuit boards while etching and a thermometer.

For example the etching time is 6 to 7 minutes with new ammonium persulfate solution

Technical specifications

Working area	235 x 330 mm
Capacity	2,25 Liters
Heater	150 W
Diaphragm ump	included
Thermometer	included
Dimensions	445 x 105 x 320 mm
Net weight	2,8 Kg
Electrical supply	230 V - 50/60 Hz

Ammonium persulfate solution in powder, bag for 1 liter, Ref : AR 44
 Ammonium persulfate solution in powder, jerry for 2,5 liters, Ref : AR 44.B
 Set of products for etching machine BB4.2, Ref : BB4.2 PROD