

E³etch™

easy • enviro-friendly • electro-etch

Safely etch your own designs on copper
or brass using green technology

sherri
HAAB
DESIGNS™
patent pending

E3 Etch is a patent pending electronic device created especially for the craftsperson and jewelry designer. Designs are simply ironed onto the copper using a black toner copy or drawn freehand using a resist pen. The copper is etched using an electronic controller in conjunction with a solution that is safe and easy to dispose of. The end result is a crisp neat design in just a few hours. The kit includes a copper blank ready to use for a finished piece of jewelry and a square of copper to etch for a texture plate for clay. If you are ambitious you can cut your own shapes from the etched copper with a jewelry saw.



Safe to use - No fumes or hazardous chemicals! Safe to ship and dispose of. The controller is only 12v. which is safe to use and will not pose danger of shock.

Environmentally friendly - The etched away copper is plated to the stainless steel pan, not added as ionic copper to the solution. Ferric Chloride or acid based etchants become saturated with ionic copper after time rendering the solution hazardous to the environment.

Economical - The copper sulfate electrolyte can be used over and over again, no need to replenish etching solutions. No hazardous disposal fees or purchasing of fresh solution as is required with Ferric Chloride or other acid based etching solutions.

Predictable etching - Patent pending electronic design is microcontroller based to carefully control the etching process. Produces crisp etchings without user intervention.

E3 Etch kit includes:
E3 Etching electronic controller with power supply
Stainless steel pan
4 foam spacers to suspend the copper in the pan
Copper sulfate
Printed toner images-ready to use
Square of copper and 1 copper blank for jewelry
2 wire electrodes

Retail price: \$195.00
Order from: