

# If I am just starting out what do I need?

We suggest the following items.

Our preference is a Vcella kiln. Model 9 or 12 will probably cover most of what you want to do. A Vcella kiln is expensive. It comes with a pyrometer but a temperature controller is extra. See our [Kiln webpage](#).

A less expensive alternative is a Paragon kiln. It has a controller which will hold the temperature where you want it. Paragon's one drawback is that the coils are enclosed in a Muffle. This means if the coils break, you need to return the kiln to the manufacturer for repair. If you are planning to do PMC and/or fused glass as well as enameling, a controller is a must have.

Other small kilns for only jewelry are available.

If you are on a limited budget, go with a propane or MAPP gas torch.

Suggested purchases:

- the HF-2120 fork (if using a kiln)
- F-2 Firing Rack
- TP-125 Trivet
- TP-200 Trivet
- Hot pad
- an acid such as Sparex or pH Down
- Copper tongs to remove items from the acid
- 8 oz of 2015 Flux
- a selection of small stamped copper pieces
- a bottle of dry P-1 black line enamel
- quill pen and points for black line
- Klyr-fire (sticky stuff)
- Sprayer/mister
- SM-2 sifter
- safety glasses
- dust mask
- T-Pod if using a torch
- Spatula if using a torch

*The Art of Enameling* by Linda Darty, a great book to learn a lot of techniques

Stop at the grocery store and get

- a rectangular Rubbermaid container for the acid.
- green scrubby
- cleanser – Bar Keepers Friend is good

Stop at the hardware store and get a pair of needle nose pliers, they make it easier to move a piece around while it is still hot.

Save a magazine for the glossy pages. They are great to sift enamel over and the excess enamel can be recovered with ease.

Have a friend save baby food jars to store enamels in, or collect film canisters, dependent on the quantities of enamel ordered.

For enamels, the BEK-4 sample set or Sample C kit.

Enamels supplements such as silver foil, lumps, threads or millifiore might be added.