

## **Pepetools Tube Bender**

Order # - 304.00

When you receive your Pepetools Tube Bender, you will notice that the tool has three distinct parts: 1)The heavy base, 2) the long handle and 3) the small knob that slides along the slot on the handle. It also comes with a set of eight dies, four with a large diameter and four with a small diameter.

### Setup:

Your first step in assembly will be to choose the size and shape of tubing you will be working with. The bender will deal with small or large diameter, round or square tubing. When choosing your dies, choose whichever most closely matches the diameter of your tubing without being too small.

Once you've selected your dies, take the large die and place it on the center post making sure that the hole in the side is facing you. The bottom of the die will have two holes that will need to align with the small posts on the base. Select the small die that matches the larger die which will be installed on the knob post on the handle. Remove the knob from the post by turning counter-clockwise and slide the post out of the large handle. Using a small screwdriver, pry the C-ring from the bottom of the post. Slide the small die onto the post and snap the C-ring back into place in the groove at the bottom of the post. Replace the knob and post back into the slot on the long handle, the post goes in from the bottom with the flat sides fitting flush into the slot. Connect the handle to the base by placing the hole in the end of the handle over the center post on the plate, pushing it down as far as it will go which should be on top of the large die with the top of the post being flush with the top of the handle, and secure it with the knurled nut. Now you're ready to bend!

### Bending:

Place the end of your tubing into the hole in the side of the large die with the handle positioned to the left of the tube. Next loosen the knob so that the post can move freely through the slot in the handle, then slide the die up the post so it is even with the highest groove in the large die and snug against it then retighten the knob. Now rotate the handle around and your piece of tubing will be forced into the spiral groove in the large die, the small die should work its way down the post as the tubing curves around the large die.

Note: If you have trouble getting the bend started you may need to put a kink in the tubing where it comes out of the hole in the large die, just to get it started in the right direction.