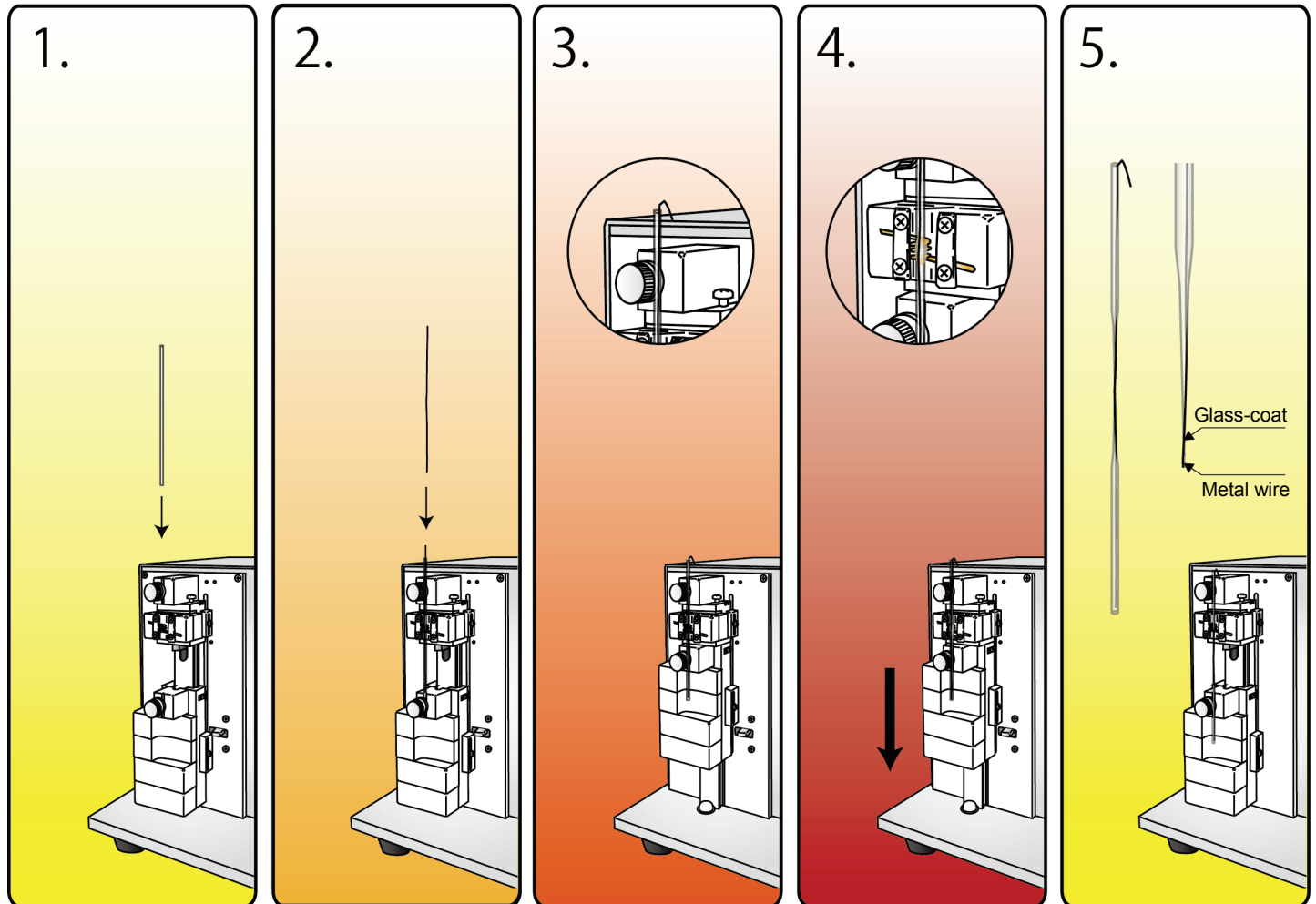


A Unique Way to Use a Micropipette Puller

We receive an increasing number of inquiries about industrial applications wherein sought potential recordings of tiny parts like IC terminals using a suitable micromanipulator and glass coated metal wire.

In this Web News, we will discuss some way of use of PC-10 that we sometimes examine with customers in the Tokyo showroom. It may not be an ordinary way of use of PC-10, but a glass coated metal electrode can be made with PC-10.



1. Set a capillary on PC-10 puller.
2. Insert a metal wire into the capillary.
3. Bend the upper end of metal wire by finger so that the bent tip is "hooked" on the top of the capillary.
4. Press START to activate PC-10. The key point is that the heater value is set relatively high to melt much amount of glass. The glass capillary is heated by the heater filament and pulled by the load of weight blocks.
5. A glass-coated metal electrode is completed. The metal wire remains unseparated. It is cut with nippers to be used.

Varied pullers and readily available electrodes are commercially available, while you can make electrodes to examine your ideas. Give it a try.

If you have any questions or need further information, please contact us.