

Soldering Platinum:

To set the NeedleFlame up so you can solder platinum, follow the manual set up instructions but include the following steps.

- From empty, fill the bubbler flask with 100ml of tap water. This will fill the flask to its minimum level.
- Add 50ml of MEK to bubbler flask. This will fill it to its full level.
- Use the **long** no.17 nozzle on your torch.

The MEK does evaporate a lot quicker in this application so it is very important to keep an eye on the bubbler level to avoid accidental damage to the machine.

Use the supplied syringe for accurate liquid measurements.

Operate the NeedleFlame as you would normally. Refer to manual for operating instructions.

The **long** no.17 nozzle prevents the user from getting too close to the very hot and glowing platinum.

Hot Tips.

Always wear welding goggles when soldering platinum!

Check bubbler levels before starting work.

Create a 'cove' or area of heat blocks when soldering your platinum. This area can also be used to shield other people from the intense light given from the platinum.

A no.17 nozzle can melt approximately 10 grams of platinum in about 2 minutes depending on work area (cove). Heat can easily dissipate from the metal resulting in longer melt times.

NeedleFlame

HHO Gas Generator