

A Guide to Plating with the Platy

1) **Check you have the following components**

Processing Machine, including 4 glass beakers

Clear plastic lid for beakers

1 x stainless anode; 1 x titanium anode (mesh) fixed onto machine

Black lead with crocodile clip

2) **You will also need**

Distilled water – about 1 litre

Electrolytic cleaning salts

Rhodium concentrate

Empty 1 litre container with lid

3) **Now you're ready to make up your solutions**

- a) Rhodium. Dilute your 50ml of Rhodium Concentrate with exactly 500ml of distilled water. Put approx 100ml of the made up solution into the machine and store the remainder in a separate container.
- b) Electrolytic Salts. This pack will make 5 litres of solution. Mix approx one teaspoon with 100ml of distilled water.
- c) If you are using other solutions such as gilding, copper or silver etc then follow the instructions on the pack.

Plating Procedures

- a) Plug the unit into a 220-240 volt AC supply and switch the unit on.
- b) Preferably ultrasonic clean your item for 3-5 minutes and then rinse in clean water
- c) Connect the black lead into the black outlet located on the centre of the machine.
- d) Attach the crocodile clip to your piece
- e) Set the voltage control to 4-6 volts then immerse in the electrolytic solution for 5-15 seconds. Time and voltage may differ with the size of the item
- f) Rinse in clean water
- g) Adjust the voltage to 3-5 volts and immerse in the rhodium solution for 5-15 seconds.
- h) For all other plating solutions refer to the instructions on the pack.
- i) Rinse in clean water