



INSTRUCTION MANUAL

SKU: 2100100



PLATING MACHINE 3 BEAKERS - 600 ML

#40-1020

1. General Information

The machine features precise voltage adjustment due to its software-based regulator system. This device can plate precious metals like rhodium, gold, silver, and more. Each beaker station has an independent heater and thermostat. The new electronic circuit board on the machine provides short-circuit protection, increasing the safety of both you and your machine.

2. Warranty Conditions

The warranty period is 2 years, starting from the delivery of the product. The electronic parts of the product are under warranty, but the mechanical and consumables are not part of warranty. Malfunctions caused by misuse are not covered by the warranty.

3. Technical Specifications

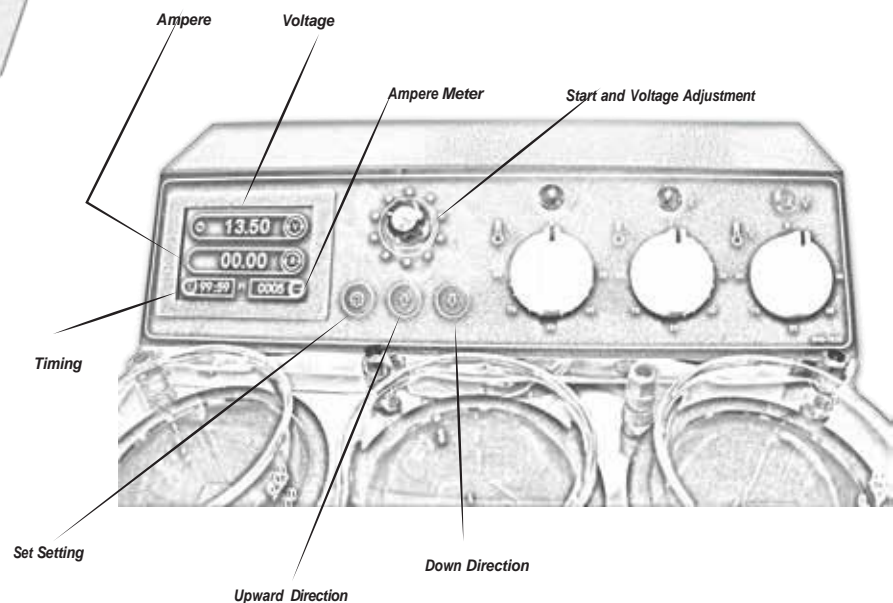
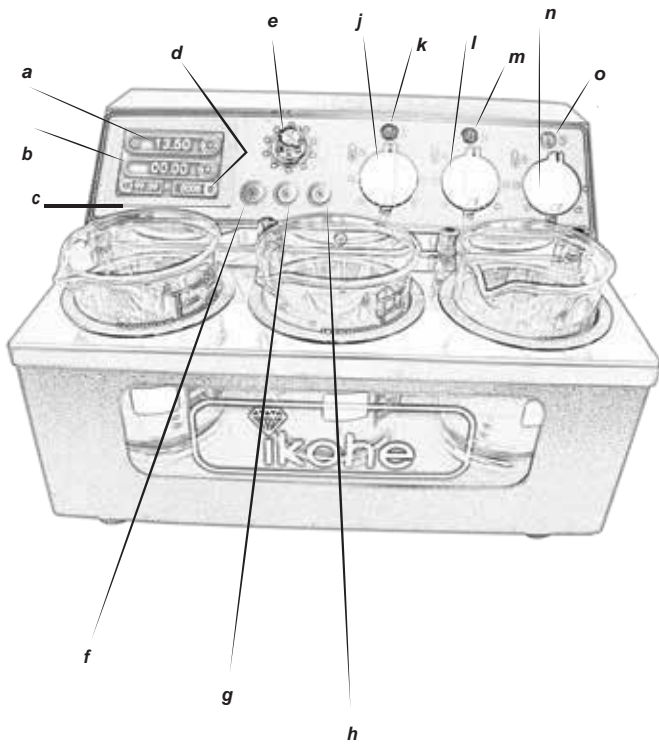
- Tank/Beaker Capacity: 600 ml
- Tank/Beaker Quantity: 3
- Tank Dimensions: 85 x 125mm (3.35"x5")
- Rectifier: 24V/10A
- Heating Power: (110V)-3 x 120watt
(220V)-3 x 450 watt
- Power: 240 watt
- External Dimensions: 370x260x240mm
(14.5"x10.25"x9.45")
- Voltage: 110V/60Hz or 220V/50-60Hz
- Weight: 7.7 kg/17lbs



4. Plating System Overview

Plating system comes complete with (3) 600ml glass beakers, (1) stainless-steel anode and (1) black and red cable.
(Consider optional platinized anode 40-1058 for plating processes)

- a-Voltage
- b-Ampere
- c-Time Adjustment
- d- Ampere Counter
- e- Start and Voltage Adjustment
- f-Set Adjustment
- g- Up Direction
- h- Down Direction
- i-On/Off Switch
- j-First Heater Thermostat
- k-First Heater Start Indicator LED
- l-Second Heater Thermostat.
- m- Second Heater Start Indicator LED
- n- Third Heater Thermostat
- o- Third Heater Start Indicator LED



5. General Use & Instructions

- Prepare the necessary chemicals before you start plating.
- Make sure on/off switch is turned on.
- Anodes Connection; connect your steel anode with the red plug (+), connect your platinized anode with the red plug (+) and connect your black clip/wire with the black plug (-).

•How to Prepare the Beakers (may vary depending on process being done);
Beaker 1: Add 40 grams of degreasing/electrocleaner powder to 500 ml of distilled water.
Beaker 2: Add 20 grams of acid dip/acid deactivator powder to 500 ml of distilled water.
Beaker 3: Add 500 ml gold plating solution.(Can be Rhodium depending on your process)

•It is used for 1st container cleaning, 2nd container acid dip and 3rd container coating processes.

•The plating is divided into 3 stages;

1. Cleaning; clean your jewelry with an ultrasonic and finish off cleaning with a steam cleaner. After dip your ring with plating rack/holder into the beaker. Do not forget to contact the plating rack/holder to the black cable/clip . Please adjust the voltage 6 V. Dipping time is 60 second. When you dip the rack/holder it should show some froth. When done, complete by rinsing with distilled water (extra beaker recommended) and then proceed to second beaker.

2. Acid Dip; you must do this application after the cleaning because to dissolve any chemicals on the jewelry. Dip the rack/holder in the second beaker and wait 30 second. Please do not use any voltage. After this application you should have successfully dissolved the oils and chemicals on the jewelry. After rinsing with distilled water please proceed to the third beaker.

3. Plating; For gold plating please adjust the voltage 6 V and dip the rack/holder in the third beaker. Do not forget to contact the plating rack to black cable. Dipping time is 30 seconds but the important part is to make sure to continuously turn the rack when you dip the rack into the beaker. When complete, make sure to rinse distilled water.

6. Points To Consider for Safety

- Positive and negative cables should never be in contact with each other. If this happens, turn unit off immediately as the machine may short circuit.
- NEVER use/mix Acid and cyanide-based plating at the same time. If this is done, it can cause poisoning by mixing chemicals with each other.
- After you are done with the plating system for the process/day, it is recommended that the unit be turned off from the on/off button.
- It should be remembered that the thermostat is open. If it is forgotten, it will cause poisoning and fire by evaporation of the chemicals in it.*



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