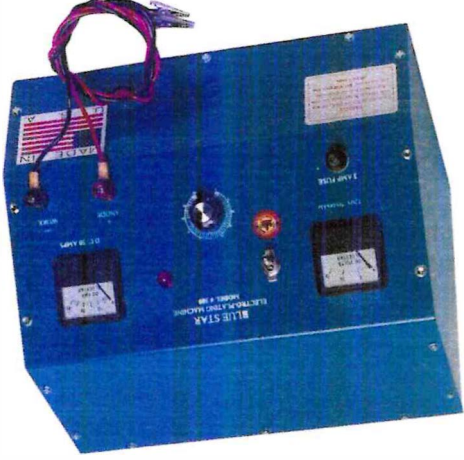


INSTRUCTION MANUAL FOR

BLUE STAR

ELECTRO-PLATING MACHINE



MODEL # 500-120
30 AMP RECTIFIER

PLEASE READ,

INSTRUCTIONS

PROCEDURE FOR GOLD PLATING:

- » HEAT THE SOLUTION TO 140 °F. DO NOT ALLOW THE SOLUTION TO BOIL OR VAPORIZE.
- » IMMERSE 24K GOLD ANODE BY BENDING ANODE WIRE OVER THE EDGE OF THE BEAKER. ATTACH THE POSITIVE LEAD ALLIGATOR CLAMP TO ANODE WIRE.
- » ATTACH THE OTHER ALLIGATOR CLAMP TO COPPER HOLDING WIRE ON ARTICLE.
- » DAIL THE SWITCH TO THE ON POSITION.
- » IMMERSE THE ARTICLE FOR 30 SECONDS (NO LONGER). TURN ARTICLE FREQUENTLY DURING THE PLATING PROCESS SO THAT ALL SIDES FACE THE ANODE PART OF THE TIME.
- » NOTE: LEAVING THE ARTICLE IN THE PLATING SOLUTION TOO LONG WILL RESULT IN A DARK AND GRAINY FINISH. THIS ALSO OCCURS WHEN THE GOLD SOLUTION HAS BEEN DEPLETED.
- » NOTE: YOU MAY NEED TO MAKE CERTAIN ADJUSTMENT WITH VOLTAGE AND CURRENT SETTINGS TO ACCOMMODATE YOUR NEEDS.

APPROXIMATE MATERIAL SETTINGS:

TYPE	TEMPERATURE °F	VOLTAGE
GOLD	140	6V
RHODIUM PLATE	80-110	4V
COPPER	100	6V
NICKEL	70	2V
SILVER	70	2V

PLEASE BE AWARE:

- » REMOVING OR TAMPERING WITH THE GROUND PIN ON THE AC CORD WILL AFFECT THE OUTPUT OF THE UNIT.
- » REMOVING THE GROUND PIN WILL ALSO ALLOW THE MACHINE TO CAUSE **BODILY HARM TO YOU**. THIS IS AN EXTREMELY POWERFUL UNIT.
- » PROPER FUSE PLACEMENT WILL PROTECT THE INTERNAL COMPONENTS OF THIS UNIT AND SAVE YOU MONEY. FUSES ARE FAIRLY CHEAP COMPARED TO THE ELECTRONIC COMPONENTS, PLEASE SPEND THE TIME TO USE THE CORRECT **AMPERAGE FUSE**.
- » REPLACE ALLIGATOR CLIPS AND LEADS AS SOON AS CORROSION HAS BUILT UPON THEM.

IMPORTANT INFORMATION:

- » ANY OF THE FOLLOWING ACTIONS WILL VOID ANY AND ALL WARRANTIES ON THIS UNIT.

- » ANY ATTEMPT TO MAKE MODIFICATIONS TO THE INTERNAL COMPONENTS OF THE UNIT
- » ANY ABUSIVE HANDLING AND OPERATING OF THE UNIT
- » USING ANY FUSE RATED HIGHER THAN SPECIFIED ON THE FRONT OF THE UNIT
- » ANY ATTEMPT TO REPAIR THE UNIT WITH COMPONENTS OTHER THAN THOSE PROVIDED BY THE MANUFACTURER
- » IMPROPER PACKAGING DURING ANY TRANSPORTATION

PROUDLY MADE IN THE U.S.A.