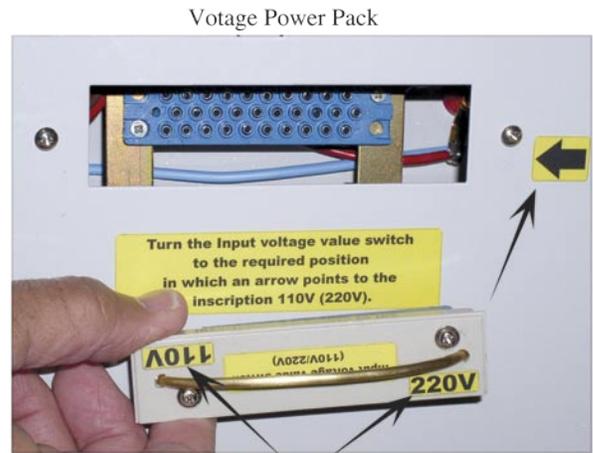




INSTRUCTIONS FOR PEPE TOOLS®, INC.

MICROPROCESSOR CONTROLLED -DUAL VOLTAGE PLATING STATION CONSOLE

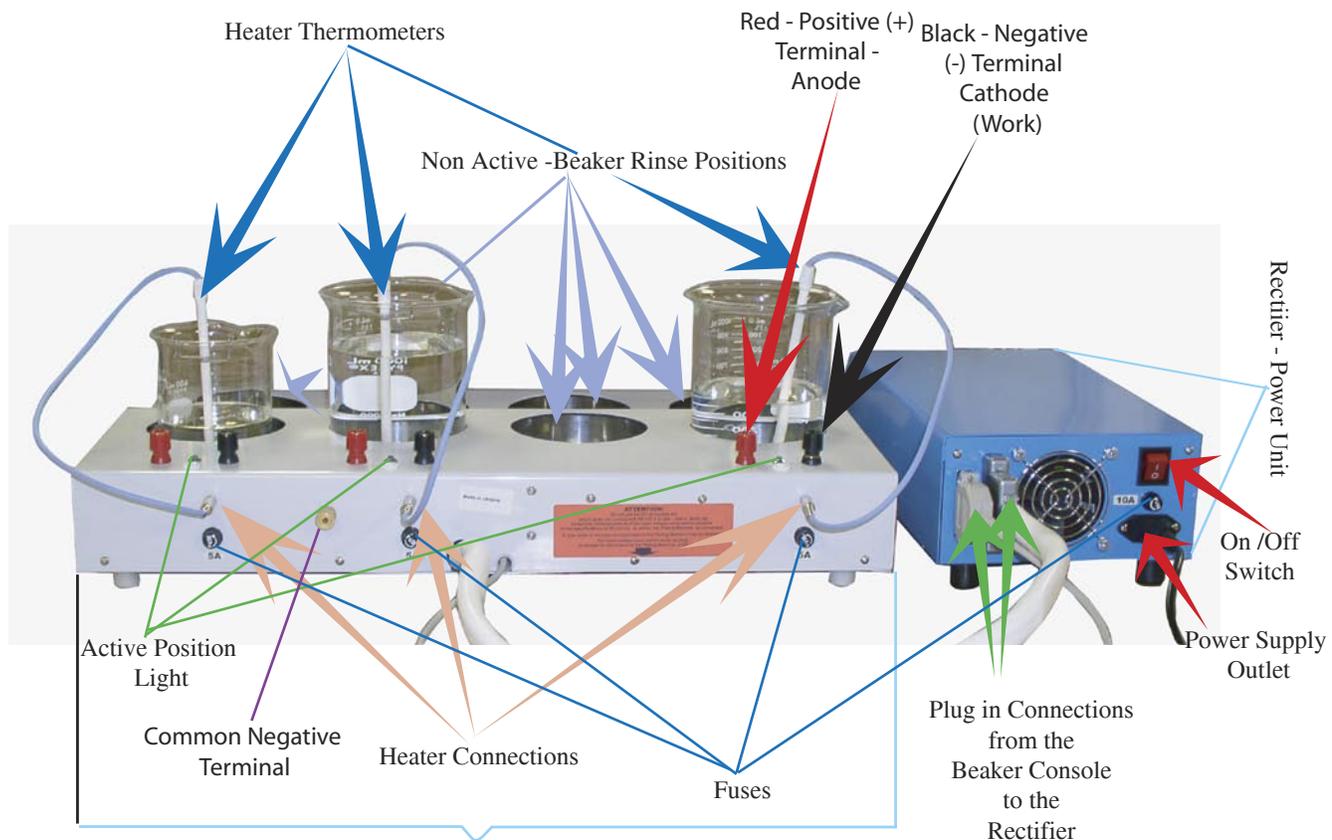
NO. 274.00



Insert the Voltage Power Pack so that the correct voltage lines up with the arrow.

This plating rectifier is dual voltage (120V / 240V). In order to switch power requirements from 120V to 240V, unplug the voltage power pack located on the bottom rear beaker receptacle console of the unit and re-insert with the desired voltage indicated in the lower right hand corner of the power pack. An arrow pointing to the voltage on the power pack also indicates the set voltage. Using a properly grounded power cord for the correct voltage, plug the cord into the unit and into a properly grounded outlet. The on-off switch is located on the rear panel of the power console next to the power cord.

Beaker Console Diagram



THIS UNIT OPERATES ON PRESET VALUES WHICH MUST BE SET PRIOR TO ANY PLATING PROCESS.

WARNING!

DO NOT OPERATE HEATERS UNLESS THE BEAKER WITH SOLUTION IS IN PLACE IN POSITION NO. 1, 2 OR 3



Microprocessor Control Panel

PRE-SETTING THE VALUES ON THE PLATING CONSOLE

1. Turn the power switch, located on the rear of the control console, to the ON position. This action will enable all the LED and indicator lamps to light up. If the indicator lamps are ON in either the voltage or heater buttons, No. 8 & 9, turn them off by pressing the button once. This will turn off the voltage and heating elements to the plating positions. This is necessary to be able to set the desired values.

2. Press button No.5 which controls the bottom two rows of lamps and set to channel No. 1. Note that the bottom row of lamps indicates the plating channel that is active and the lamp directly above it indicates the heating process of that channel position. The heaters will not be activated unless the indicator lamp is on in button No.9. Once activated, the heaters in all the channels will be active. Once the heaters are activated and temperature is reached in their respective position, the heater lamp will glow green.

3. Press the RED set button No.1. This will enable the set value mode for voltage, amperage and temperature in the selected plating channel. The voltage LED will start blinking, if not blinking, press button No.2. Press the Plus button No.6 to increase the voltage or the minus button No.7, to decrease the voltage. SET TO DESIRED VOLTAGE. *At this point, set the voltage for each plating channel you are using. Simply press button No. 5 to activate plating channel number 2 or 3 and proceed to set the voltage value in that channel. .Please note that the value of the voltage readout can be changed during the actual plating process simply by pressing buttons 6 or 7.

Note: Follow Voltage and solution temperatures suggested by the solution manufacture!

4. Next, press the button No.3. This will enable the set mode for amperage. The amperage LED will start blinking. Press the Plus button No.6 to increase the amperage or the minus button No.7 to decrease the amperage in the plating channel selected. SET TO DESIRED AMPERAGE in all plating channels while in this mode. Note: (If amperage value is not known, set the value to .50 to 1.0 Amps.) **Please Note: After setting desired temperature and the heat on button is activated, there will be an initial spike in the temperature at each position due to residual heating of the heating elements. This means that the temperature will go higher than the set temperature but will settle down to within 5 to 7° of the set temperature within 30 to 45 minutes.**

5. Press button No 4. This will enable the set mode for temperature. The temperature LED will start blinking. Press button No. 5 to select plating channel No.1. Press the Plus button No.6 to increase the temperature or the minus button No.7 to decrease the temperature. SET TO DESIRED TEMPERATURE in all the plating channels. Please note that the heaters in all plating channel positions will activate when the heater lamp is on.

***Please note** that all three values, voltage, amperage and temperature, can be set for any of the plating channels before proceeding to the next plating positing. Once the values for the selected plating channel position has been set, proceed to the next channel position by simply pressing the channel selection button No.5 and begin setting the values starting with voltage by pressing button No.2. Once the values on all three channel positions have been set, press the Red button No.1 which will close the mode set phase of the unit.

Please note that preset values can be checked and or changed at any point. First, switch off the voltage, button No. 8, and press the red set button No.1 and the button of the value you wish check. Keep in mind that all the set values are only for the channel position selected. The same procedure is used for setting the values in each channel position.

Voltage in each channel is only active when the plating channel selection lamp is on in that respective channel and the voltage lamp is on in button No.8

THIS UNIT IS DESIGNED AND MANUFACTURED FOR

PROFESSIONAL USE ONLY!