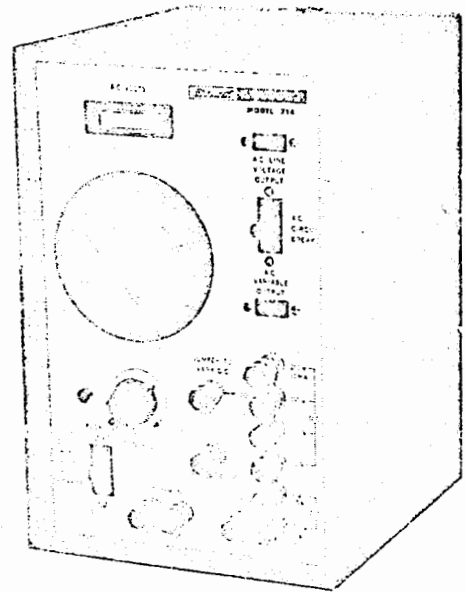


POWER SUPPLY

Wired & Calibrated

FEATURES

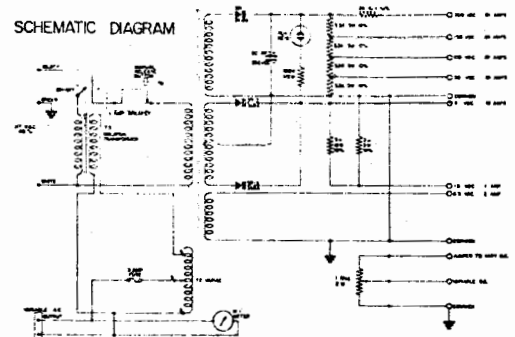
- Solid State Rectifiers
- Variable 0 to 140 volts AC
- Variable 0 to 200 volts DC
- Circuit Breaker Protection



MODEL 714

The Stark Model 714 Power Supply is a rugged, dependable power supply designed to supply all the necessary voltages to perform experiments in Basic Electricity and Electronics courses. It will tolerate normal mistakes of use to which it may be subjected by inexperienced students.

Rectifiers used in the Model 714 are all solid state, giving the double advantage of elimination of a warm-up period, and the long life dependability associated with solid state components. The Model 714 is designed to operate from any standard 115 volts, 60 cycle outlet.



Specifications

AC VOLTS

AC Line Voltage -

0 to 140V at 3 Amps.

This voltage is available at the AC outlet and is adjustable by the large variable transformer knob. It is read directly on the AC voltmeter scale.

AC Filament Voltage

6.3V at 2 amps.

This voltage is available between the red binding post and either of the black common binding posts. The "ON" condition is indicated by the red pilot light just above the DC circuit breaker.

DC VOLTS

- 200V at 10 ma
- 150V at 10 ma
- 100V at 10 ma
- 50V at 10 ma



These voltages are available between the red binding posts marked with their particular value, and either of the black common binding posts. To obtain a variable DC output connect a jumper between the binding post marked "Jumper To Vary DC", and any of the red binding posts as indicated by the broken lines. The DC section is switched on by pushing the reset button of the DC circuit breaker.

- 6V at 10 amperes
- 1.5V at 1 ampere

The variable feature cannot be used on the 1.5V and 6V output terminals with the self contained control, however, the 1.5 and 6V DC output may be varied by using an external rheostat is connected parallel with the 6V tap and the black binding post.

The 1.5V tap is intended to replace a #6 drycell.

STARK

MODEL 714

SCHEMATIC DIAGRAM

