

SINGLE OUTPUT LABORATORY POWER SOURCES

- CONSTANT VOLTAGE / CONSTANT CURRENT
- DIGITAL PANEL METER
- ADJUSTABLE OVERVOLTAGE CROWBAR
- 1 MILLIVOLT PEAK TO PEAK RIPPLE
- 5 YEAR GUARANTEE



These regulated DC power sources feature constant voltage/constant current operation with automatic crossover. A patented regulator technique trademarked "Uniply" is utilized to provide operating features not obtainable with conventional dissipative regulator circuits. Constant output power characteristics are achieved that are not obtainable in SCR, Triac or switching regulator systems. Power output capability increases with increasing AC line voltage. Useful regulated output at reduced levels of line voltage as low as 85 volts.

Ten turn potentiometers for voltage and current controls are provided for high resolution. Metering is provided by means of a 3½ digit LCD panel meter. The meter is switch selectable for either voltage or current monitoring.

Electrical Specifications:

Input: 105-125 / 210-250 VAC, 47-440 Hz.

A front panel adjustable crowbar protects the load against overvoltage conditions. An indicator lamp is activated when either the current mode function is in operation or the overvoltage crowbar fires.

Panel mounted binding posts are provided for ease of connection. The output terminals are floating with respect to the chassis permitting positive or negative output polarity. Rear terminals are provided for DC output, remote sensing and remote voltage and current programming. No derating of the output current is required when remote programming over the entire voltage range of the power supply.

These power sources are housed in portable steel cabinets designed for bench use, stacking or rack mounting. Rack panel adaptors are available.

| MODEL | OUTPUT VOLTAGE | OUTPUT CURRENT | VOLTAGE REG | CURRENT REG | RIPPLE (VOLTAGE) | RIPPLE (CURRENT) |
|-------|----------------|----------------|-------------|-------------|------------------|------------------|
| 5015D | 0-50V | 0-1.5A | .005% | .03% | 1 mv P-P | .5 ma P-P |