

2005

SECTION 2

INSTALLATION AND OPERATION

2-1. INSTALLATION

a. Laboratory Bench . The Model 2005 is a portable unit designed for bench use. No preliminary processing or special unpacking procedures are required. The power source is ready for operation as shipped from the factory.

b. Rack Mounting . Panel adapters are available for mounting one or two units in a standard 19-inch relay rack. Hardware kits are provided with each panel adapter. The power source is fastened to the rear surface of the adapter with the black anodized rivnuts in each corner of its front panel. If the rubber bumper feet interfere with the assembly of the equipment to the rack, they may be removed by disassembling the bottom plate of the power source and unscrewing them.

2-2. OPERATION

a. Operating Procedures:

- (1) Ensure that the power source is turned off and the shorting links are connected between the following rear-panel terminals: DC+ and S+; S+ and RV; and S and DC-.
- (2) Set the CURRENT LIMIT ADJ control fully clockwise.
- (3) Connect the AC line cord to a source of 105 to 125 volts, 50 to 440 Hz.

NOTE

The OVEN indicator will normally light as soon as line voltage is applied to the unit, even when the power source is turned off. The indicator will remain lighted until the oven reaches operating temperature (approximately 10 minutes). The indicator will cycle on and off as the oven maintains a constant-temperature environment for critical circuit components.

- (4) Read the information in paragraphs b through e to connect for remote sensing, series operation, remote programming of the output voltage, or current limiting.
- (5) Set the AC switch to ON.