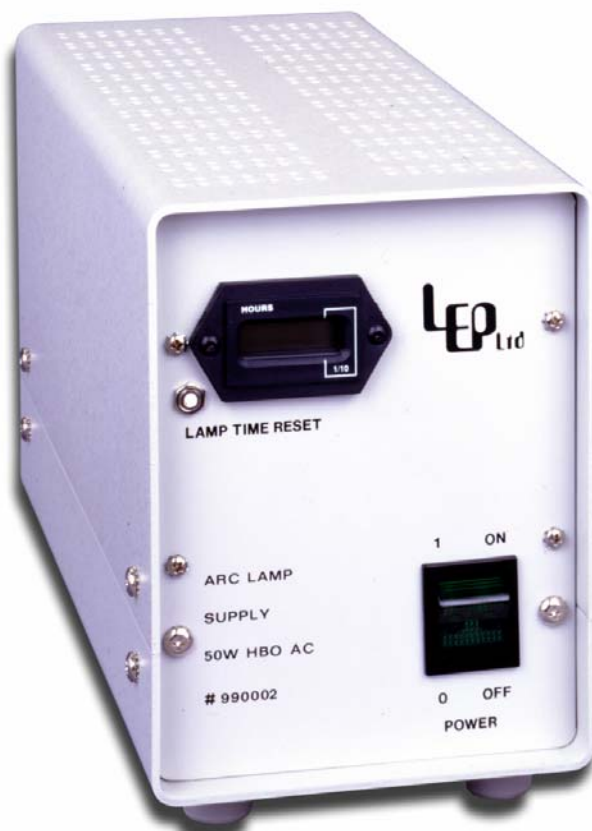


# LEP Power Supply for Mercury 50 Watt AC Lamp User's Manual



This manual covers the following power supplies:

P/N: 990002

P/N: 990002-1



**Ludl Electronic Products, Ltd.**  
p/n: 90M014

Revision B  
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## **1.0 Safety Standards**

### **1.1 Safety Information:**

#### **High-Voltage and Ultraviolet Exposure:**

The lamp connector at the rear of the power supply has a maximum of 230 volts RMS.

- Do not turn on the power supply unless lamp socket is attached.
- Do not operate the power supply unless the lamp socket is properly installed in a suitable lamp house.
- There are no user serviceable components inside the case.

Please refer all service to your dealer.

Failure to observe these precautions will result in exposure to high voltage and ultraviolet light.

### **1.2 Fuse Information:**

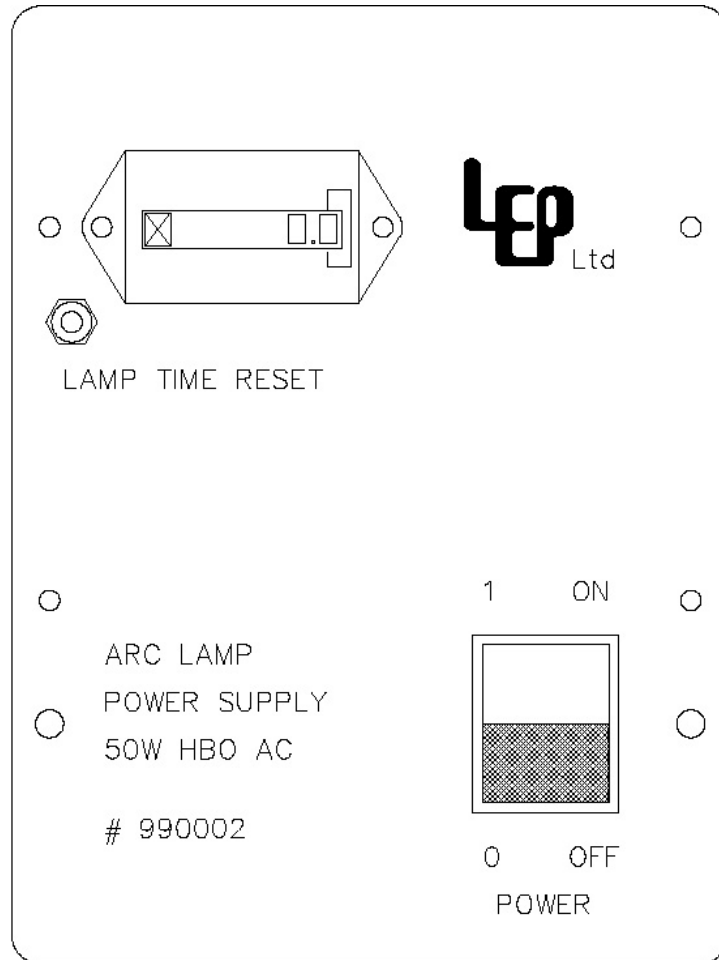
This unit is internally fused by a re-settable thermal breaker rated at 3.0 amps. In the event of an overload, wait 2 minutes for cool down before pushing the breaker reset button located on the rear panel. If the unit trips again, service is required.

### **1.3 Warning Notice:**

The high-voltage warning symbol (a lightning bolt in a white triangle) on the rear panel indicates terminals have voltage and should be handled appropriately.

#### 1.4 Front Panel:

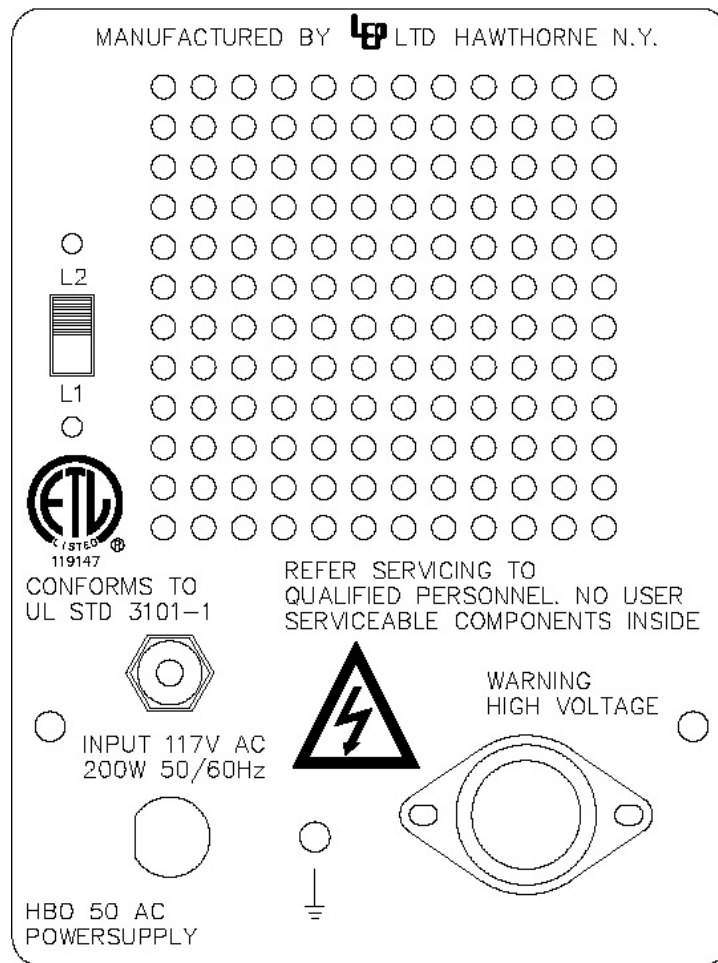
The recessed push button will reset the lamp timer to zero. This is used when a new lamp is installed. Typical lamp life is 100 hours.



#### Main Power Switch:

The main power switch turns lamp on or off. When switched on, the lamp will glow dimly for a few seconds. After 2 minutes, the bulb will grow to its full brightness. A hot lamp will not light immediately and may take 5 minutes to light.

## 1.5 Rear Panel:



## 2.0 Installation

Verify the L1/L2 switch on the rear panel is set consistent with the marking on the lamp shipping box. Ensure that the lamp is properly mounted in the socket and the socket is installed properly in the lamp house. Connect the cord from lamp socket to the connector on the rear panel. Verify lamp type setting and connections. Connect the line cord to a 110 VAC, 60Hz power outlet. Turn on main power switch.

### 2.1 Failure of Lamp to Ignite

The lamp will usually turn on within 10 seconds. If the lamp fails to ignite it is usually an indication of a bad lamp, open cable or socket.

**Note:** Refer all service to your dealer.

### **3.0 Specifications**

**Input: 117 VAC  $\pm$ 10%, 60 Hz, 3 Amps**  
**Output: Open Circuit – 230 VAC**  
**Current: L1 – 1.3 Amps @ Lamp Volts 39-45 VRms**  
**L2 – 1.45 Amps @ Lamps Volts 33-39 VRms**

# NOTES



## Lamp Replacement History

Date	Lamp Type	Elapsed Hours	Initial





Ludl Electronic Products designs and manufactures a wide range of automation accessories for microscopes and instrumentation.

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