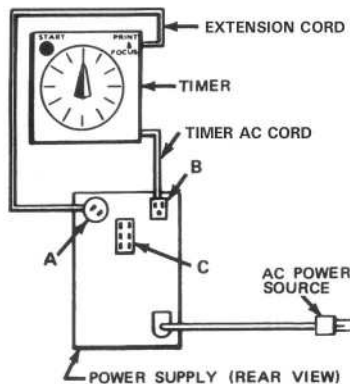


## Standard Power Supply

The Standard Power Supply is factory set for 117VAC, 50/60 Hz operation, standard in the United States. In countries where the enlarger is to be operated from 100 or 110 volt AC lines, adjust the unit by removing the wrap-around cover and transferring the blue wire marked "TAP" from the "117" terminal to the "100" or "110" terminal, as appropriate.

**CAUTION:** Disconnect the power supply from the wall outlet before making adjustments.

The Standard Power Supply should be connected to the timer as follows:



Connect the female plug of the extension cord to the recessed male receptacle of the power supply (A). The other end of the extension cord connects to the ENLARGER outlet of your timer.

The timer AC line cord must be plugged into the standard three-pin receptacle of the power supply (B). The lamphouse is connected to the power supply by simply plugging the six-bladed polarized connector into the matching receptacle (C).

The Power Supply ON/OFF switch controls current to timer, blower and panel lamp. Whenever the switch is in the ON position, the cooling blower will operate and the panel lamp will be lit. The enlarger lamp is, of course, controlled by the timer.

If it is desired to use the lamphouse without a timer, for troubleshooting purposes for example, the extension cord may be connected directly between receptacles A and B of the power supply.

## Voltage Stabilization



The use of a voltage stabilizer is recommended because even small fluctuations in line voltage can seriously affect print color balance during enlarging.

The Omega Solid State Electronic Voltage Stabilizer (Cat. No. 404-841) has been designed specifically for this purpose. It is designed to plug directly into the power supply, eliminating the usual clutter of connecting cables. The unit stabilizes voltage fluctuations between 110-125VAC to provide consistent printing results.

The use of other voltage stabilizers is not recommended.

## Chromegatrol

The Chromegatrol (Cat. No. 412-040) is a single control console which incorporates a power supply with a ferro-resonant stabilizer and a dual range professional electronic timer.



It provides stabilization of  $\pm 2\%$  between 95-130V. It will also accept safelight lamps up to 200W which automatically turn off during "focus and expose" modes. The timer can be set with a dual range selector switch for 0-9.9 seconds in .1 second increments or 0-99 seconds in 1 second increments. The electronic timer satisfies most critical color printing requirements with an accuracy of  $\pm 2\%$ . Full instructions for installation and operation are provided with the Chromegatrol.

## Chromegatrol II

The Chromegatrol II (Cat. No. 412-140) represents a modern update to the original Chromegatrol, providing the same power supply and voltage stabilization features with the advantages of a highly accurate digital display timer.



The Chromegatrol II provides a timing range of 0.01 seconds to 999 minutes, and timing accuracy within 200 billionths of a second. Full installation and operating instructions are supplied with the Chromegatrol II.

seated in the opening. Once the carrier is in place, lower the lamphouse gently by releasing the lifting lever.

### MASKING ATTACHMENT



A detachable negative masking device (Cat. No. 404-864) is available as an optional accessory. Each of the four blades can be adjusted independently to provide convenient masking control for virtually any portion of any size negative. The masking attachment is installed in the negative stage and negative carriers are inserted in the circular opening in the top of the masking attachment.

**NOTE:** The Masking Attachment cannot accept Glassless Rapid Shift type carriers.

## Focusing

### BELLOWS ADJUSTMENT

The extra long bellows of Omega D-5 enlargers eliminates the need for cones and auxiliary focus attachments. Before focusing, the bellows should be adjusted to the appropriate position according to the focal length of the lens being used. Release the bellows locking lever (Figure 1, No. 10) by moving it to the right, and slide the lens stage along the bellows track on the focusing assembly.

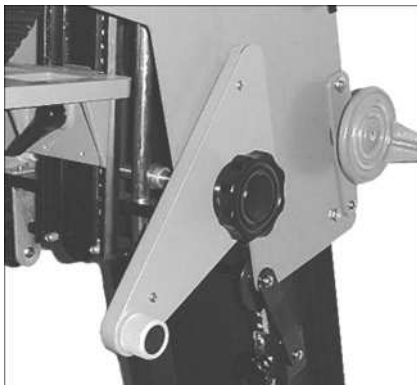
Focal Length	Bellows Setting
50mm and shorter	15
75mm to 105mm	10
135mm and longer	4

These position numbers should be read from the bottom of the lens stage.

**Note:** The suggested settings are based on a baseboard mounted enlarger. Alternate settings may be required to optimize for specific lenses, extreme enlargements or reductions, or different enlarger mounting configurations.

**Caution:** Lock bellows locking lever after each adjustment.

### MICROMEGA DUAL RANGE FOCUSING KIT



The Micromega Dual Range Focusing Kit (Cat. No. 429-078) is an accessory designed to provide fine focus control in addition to the standard focusing system. Easily installed, it can be especially helpful when making large magnifications with short focal length lenses.

### FLEXIBLE FOCUS SHAFT



When printing at high magnifications, it can be difficult to reach the Focus Knob while checking focus at the easel. The KHB Photografix Flexible Focus Extension Kit (Cat. No. FFS3750) provides a focusing control within easy reach of the operator. The kit includes a special adapter knob that replaces the original focus knob. Once the adapter knob is installed, a quick disconnect feature allows the extension shaft to be added or removed instantly as required.

If the Micromega Dual Range Focusing Kit has been fitted, an alternate kit, Cat. No. FFS5000) is available to fit the fine focus control of the Micromega.

## Filter Holders

### UNDER-LENS FILTER HOLDER



An adjustable under-the-lens Filter Holder (Cat. No. 429-027) is available to fit all D-5 enlargers. The Filter Holder is easily installed with two screws to the lens stage of the enlarger. It is supplied with a Red Safety Filter, and may also be used for under-the-lens type Variable Contrast



UNIVERSAL DV LAMPHOUSE  
For D2/D3 and D5/D6  
Cat. No. 404 825

PARTS  
BREAKDOWN

