

# Bencher



FLUORESCENT PRODUCER

## **COPYMATE II**

Bencher's basic copystand accommodates cameras (not included) weighing up to 8 pounds and is available with fluorescent or halogen lighting to readily handle a large variety of imaging requirements. Its powder coated metal baseboard will withstand years of heavy duty use while the screened centering guide makes setups quick and easy.

### **COLUMN & CARRIAGE**

Components: Column & Carriage  
Shipping Weight: 27 lbs

**COLUMN & CARRIAGE SC**  
**COLUMN & CARRIAGE HC**



### **COPYSTAND**

Components: Column & Carriage,  
Baseboard  
Shipping Weight: 33 lbs

**COPYSTAND SC**  
**COPYSTAND HC**



### **HALOGEN PRODUCER**

Components: Column & Carriage, Baseboard, Halogen Copylight  
Set, Halogen Light Control  
Shipping Weight: 41 lbs

**HALOGEN PRODUCER SC**  
**HALOGEN PRODUCER HC**



### **FLUORESCENT PRODUCER**

Components: Column & Carriage, Baseboard, Fluorescent  
Copylight Set  
Shipping Weight: 45 lbs

**FLUORESCENT PRODUCER SC**  
**FLUORESCENT PRODUCER HC**



## COMPONENTS

### Counterbalance

- ▶ **SC Standard Counterbalance** for cameras weighing up to 5 lbs
- ▶ **HC Heavy Counterbalance** for cameras weighing 5 - 8 lbs

### Column & Carriage

The camera carriage glides on four contact rollers along a three foot column for effortless movement and is counterbalanced to prevent the camera from falling when the carriage brake is released. A large drive knob assures quick and accurate camera alignment for even the most critical jobs.

- ▶ **Column** 36" long custom black anodized aluminum extrusion
- ▶ **Carriage** Friction drive, dual drive rollers, dual guide rollers, large drive knob
- ▶ **Counterbalance spring** Long life constant torque
- ▶ **Dual brake pads** Feature positive "no-shift" carriage position lock
- ▶ **Camera support plate** 2-1/2" H x 5" W, cork pad
- ▶ **Camera alignment** Up to 3-1/2" forward, 4 mounting holes for side alignment
- ▶ **Dimensions** 6"W x 12"D x 36"H (depth with camera plate extended)

### Baseboard

- ▶ **Overall Dimensions** 20"W x 19"D x 3-1/2"H
- ▶ **Working Area** 20"W x 16"D
- ▶ **Surface** black powder coated steel with gray screened centering grid

### Halogen Copylight Set

Halogen copylights and light arms, one each side, offers high intensity lighting for virtually any copystand application. Halogen lamps maintain 300-watt intensity and 3200K color temperature throughout their life for extremely consistent results. Built in lamp switches permit individual control for special lighting effects. Includes two (2) adjustable halogen copylights and two (2) fixed copylight arms.

- ▶ **Light Output** 300W each, 600W total
- ▶ **Bulb** Ushio #1000896 - JCD120V-300WC
- ▶ **Electrical** 120V - 5A

### Halogen Light Control

Hi/lo lamp intensity control allowing user to reduce lamp wattage during the setup and composition stages thereby reducing environmental heat levels. Lamp life is dramatically increased as well. Conveniently mounts directly beneath front of baseboard.

- ▶ **Power switch** Permits on/off control of both lights simultaneously
- ▶ **Dimmer switch** Lowers light output for focusing and composing

### Fluorescent Copylight Set

High frequency fluorescent lights and light arms, one each side. Ideal for digital imaging and specimen photography, these cool full spectrum fluorescent lamps are daylight balanced at 5200K for superb color clarity and operate at 12,000Hz to eliminate flickering in video applications. Light control has on/off main switch and on/off switch for left lamp to permit shadowing on raised, embossed or bas-relief subject matter. Total 72-watt output equivalent to approximately 200-watts of incandescent lighting. Includes control and two (2) adjustable fluorescent copylights permanently mounted to two (2) copylight arms.

- ▶ **Light output** 36W each, 72W total (equivalent to approximately 200w incandescent)
- ▶ **Color temperature** 5200K
- ▶ **Operating frequency** 12,000Hz
- ▶ **Light control** Power switch for both lights, left lamp on/off switch only
- ▶ **Electrical** 120V - 1.5A

		Column & Carriage	Baseboard	Halogen Copylight Set	Halogen Light Control	Fluorescent Copylight Set
<b>Column &amp; Carriage SC</b>	900-00	●				
<b>Column &amp; Carriage HC</b>	900-01	●				
<b>Copystand SC</b>	900-20	●	●	OPT	OPT	OPT
<b>Copystand HC</b>	900-21	●	●	OPT	OPT	OPT
<b>Halogen Producer SC</b>	900-50	●	●	●	●	
<b>Halogen Producer HC</b>	900-51	●	●	●	●	
<b>Fluorescent Producer SC</b>	900-60	●	●			●
<b>Fluorescent Producer HC</b>	900-61	●	●			●

## ACCESSORIES



### FLUORESCENT COPYLIGHTS

High frequency fluorescent lights and light arms, one on each side. Free standing light control has on/off main switch and on/off switch for left lamp to permit shadowing on raised, embossed or bas relief subject matter. Total light output - 72-watts. Color temperature - 5200K full spectrum.

**980-30 COPYMATE FLUORESCENT COPYLIGHTS - PR**



### HALOGEN COPYLIGHTS

Quartz halogen lights, one on each side. Separate on/off switches built into each 300-watt lamp head. Total light output - 600-watts. Color temperature - 3200K.

**980-05 COPYMATE HALOGEN COPYLIGHTS - PR**



### HALOGEN COPYLIGHTS W/ARM

Quartz halogen lights and light arms, one on each side. Separate on/off switches built into each 300-watt lamp head. Total light output - 600-watts. Color temperature - 3200K.

**980-10 COPYMATE HALOGEN COPYLIGHTS W/ARM - PR**



### SIDELIGHT ARMS

Light arms, one on each side. 980-00 comes complete with 3/8" mounting stud for customer's own lighting.

**980-00 COPYMATE SIDELIGHT ARMS - PR**



### HALOGEN COPYLIGHT CONTROL

Control allows user to switch both lights on/off together or switch to low intensity for composing & focusing. For Quartz Halogen Lights only.

**980-70 COPYMATE HALOGEN COPYLIGHT CONTROL**



### COPYLIGHT POLARIZER

Polarizing filters frames attach directly to the Quartz Halogen Copylights. Polarizer filters inserts are laminated in heavy plastic to prevent damage from physical abuse. Use with the Copylight Control to minimize filter fade. Camera polarizing filter (not included), available from dealer, is required for total polarization control.



### COPYLIGHT SAFETY GLASS

Heavy duty clear glass frames mount directly to Bencher Copylights. Glass inserts are readily removed for quick and easy lamp changes when necessary. NOTE: Not compatible with Copylight Baffle.

**080-80 COPYLIGHT SAFETY GLASS - PR**



### COPYLIGHT BAFFLE

Reduces spillage of extraneous Copylight illumination for user comfort and minimizing nearby computer screen washout. NOTE: Not compatible with Copylight Polarizer or Copylight Safety Glass.

**080-83 COPYLIGHT BAFFLE - PR**



### BOOK/COPY HOLDDOWN

Hinged glass platen designed to hold a single sheet or books up to 3-1/2" thick. Protects valuable books by putting only the weight of the glass against the pages and binding. Foam rubber blocks support the thinner open side of the book to maintain pages in same focus plane. Holddown clamps to baseboard.

**970-42 COPYMATE BOOK/COPY HOLDDOWN**



### COLUMN SCALE

Delineated in both American and Metric dimensions. Useful for resetting camera carriage in repetitive task situations.

**970-50 COPYMATE COLUMN SCALE**



### MAGNETIC HOLDDOWN

Placed along the edges of a single sheet these magnetic strips will hold material flat for proper imaging. For use on steel baseboards only. Includes 2 strips each: 1 x 20" and 1 x 15".

**070-45 MAGNETIC HOLDDOWN**