

## PRINT ROLLER

The standard PRINT ROLLER is furnished in two lengths; seventeen and twenty two inches. The handle is cast aluminum and has a black wrinkle finish.

The core is made of three quarter inch steel with a covering of vulcanized rubber of twenty duro and ground to final size insuring a smooth finish. End bearing are stainless steel with oilite bearings in the steel core. A rustproof coating of rubber is applied to each end of the steel core.

Larger rollers are made to order and can be supplied up to forty five inches in length. The frame is made of stainless steel and the handle has a rubber covering to insure a better grip. Handle length is proportional to the roller size. All units have a single handle at the center of the frame.

Aluminum Frame

17"

22"

*\$130 7lbs*

*140 \$ 57.00*

Stainless Frame

22"

35"

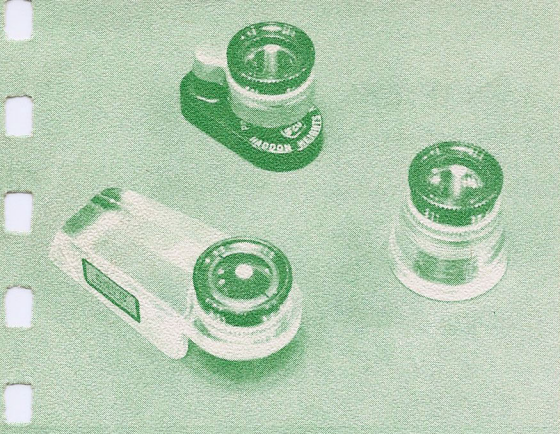
45"

*\$ 95.00*

*\$135.00*

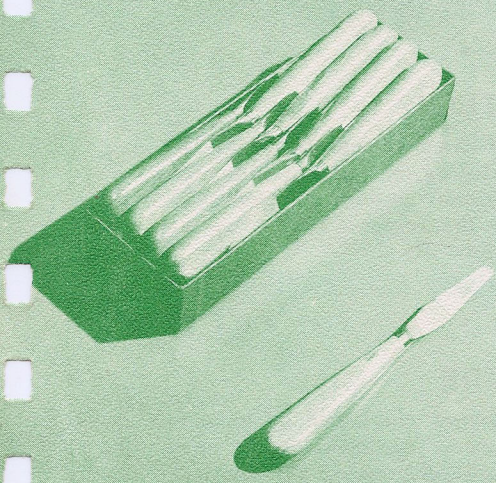
*\$158.00*

**PRICE CHANGE**

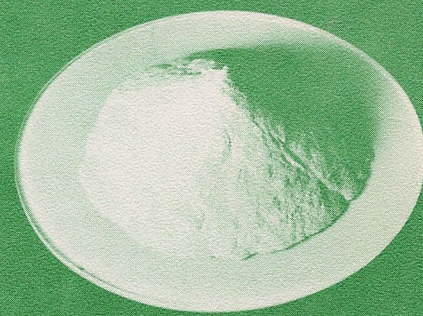


LUMINIS

LUMINOUS  
TAPE



LUMINOUS



**PRE-COP-TIC MAGNIFIERS**

A highly corrected magnifier for general use available in several designs. Three element lens system has a good flat field and extremely low chromatic aberration. Each model available in 9 power and 12 power.

Clear Base	9X	\$ 8.50	12X	\$ 10.00
Swing Base				
Large Plastic Base	9X	\$ 10.00	12X	\$ 11.50

DISCONTINUED

PRICE CHANGE

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**LUMINOUS TAPE**

Self stick tape can be used in all darkrooms. Will not fog film in the 3/4 width supplied if used at a reasonable distance.

24" strip	\$ .50	PRICE CHANGE
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**ARTIST SPATULA**

The spatula is very helpful in removing films from register pins. The film is lifted straight up off the pin by sliding the spatula under the film near the pin and twisting. The fingernail method is sometimes painful and the ripping method damages the register holes leaving the SPATULA as the best method we know of.

SPATULA	\$ 1.75	PRICE CHANGE
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\* \* \* \* \*

**CERIUM OXIDE**

Cerium Oxide is a glass polishing compound which can be used to remove hairline scratches from glass plates. This must not be used on any coated surfaces since it will completely remove the coating. A small dusting on the end of a finger, dry, rubbed for a minute or two on the scratch will suffice. If the scratch is deep enough to chip the glass surface, cerium oxide will not remove it.

CERIUM OXIDE	1/2 ounce	\$ 1.00
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\* \* \* \* \*

**CLAMPING BARS**

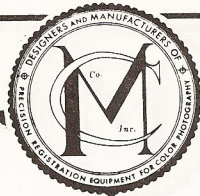
Clamping bars are made to any dimension and are used for clamping vacuum easels. Each bar is supplied with two clamps and a Spintite wrench is supplied with each set of two or more bars. Bars are screwed into the benchtop and easel clamped in any position. Two bars are adequate, but three may be used when the vacuum easel is used far off center of the projected image and more clamping capacity is desired.

48"	each	\$22.50	Spintite	\$1.80
36"	each	\$19.00	Extra Clamp	\$4.75
24"	each	\$17.50		
18"	each bar	\$17.00		

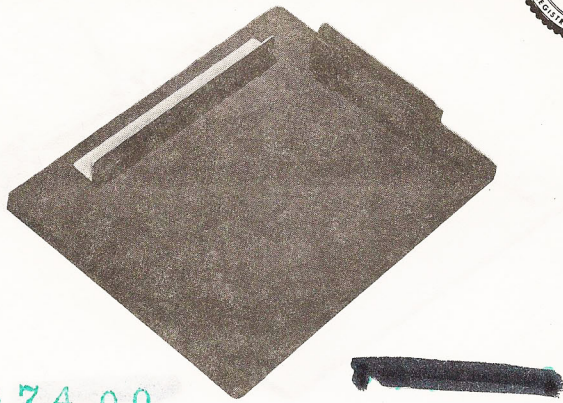
PRICE CHANGE

PRICE CHANGE

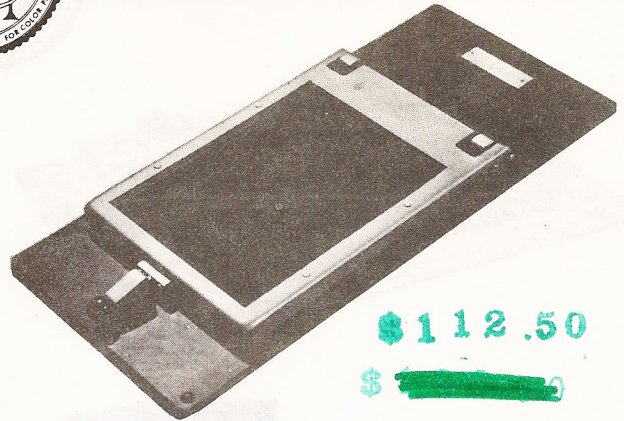
CONDIT MANUFACTURING Co. Inc.



SANDY HOOK, CONNECTICUT.



\$ 74.00



\$ 112.50

~~\$ 118.00~~

PUNCH

SIZE 35 2 1/4  
4 x 5 5 x 7  
8 x 10

~~\$ 78.00~~

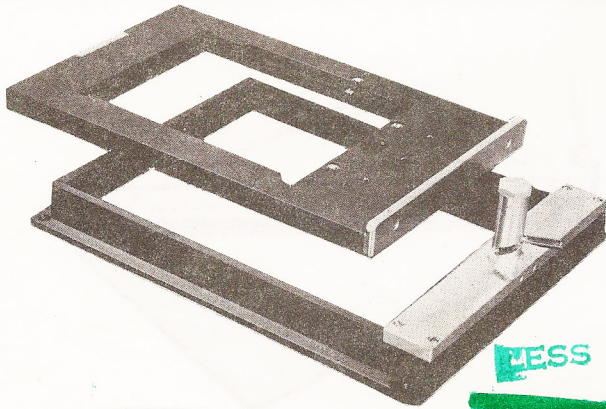
MASK  
REGISTRATION  
PRINTER

SIZE 4 x 5 - 5 x 7

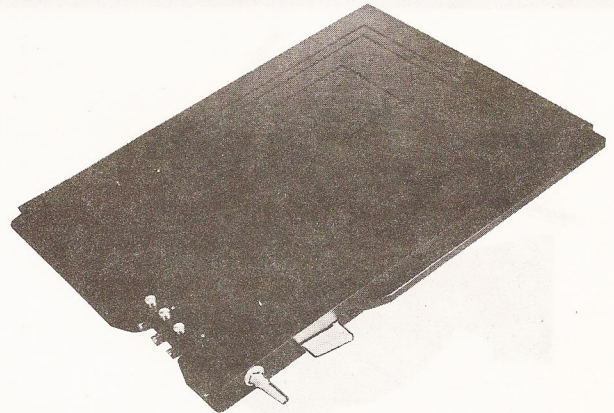
~~\$ 118.00~~

PUNCHES ONE SIXTEENTH INCH HOLES IN THE FILM MARGIN OUTSIDE PICTURE AREA. BAR IS PRESSED DOWN PUNCHING TWO HOLES AT THE SAME TIME. GUIDE ON THE SMALL PUNCH IS FASTENED IN EITHER POSITION BY TWO SCREWS. PIN GLASS 15 X 7 - \$12.00 (8 X 10 - \$18.00) OR REGISTER STRIP USED WITH PUNCH. REGISTER GLASS OR STRIP MATCHED TO SERIAL NUMBER ON PUNCH. PUNCHES AND ANVILS ARE HARDENED.

DESIGNED FOR MAKING ENLARGED SEPARATIONS FROM SMALL TRANSPARENCIES PROJECTED IN ENLARGER. PRINTER FASTENS TO EASEL. REGISTER PINS ON THREE INCH CENTERS ARE GEMETED IN HINGED GLASS PLATE WHICH LOCKS ON TOP OF FOAM RUBBER PAD. EXPOSURE IS MADE THROUGH GLASS FROM THE TOP. MASKS ARE MADE THE SAME SIZE AS SEPARATIONS.



LESS 5%



PRECISION  
NEGATIVE  
CARRIER

SIZE 4 x 5  
5 x 7  
8 x 10  
8 x 10

OMEGA  
DURST  
ELWOOD  
SALTZMAN

\$ 342.00  
\$ 342.00  
\$ 354.00  
\$ 390.00

RETRACTABLE PIN  
VACUUM EASEL

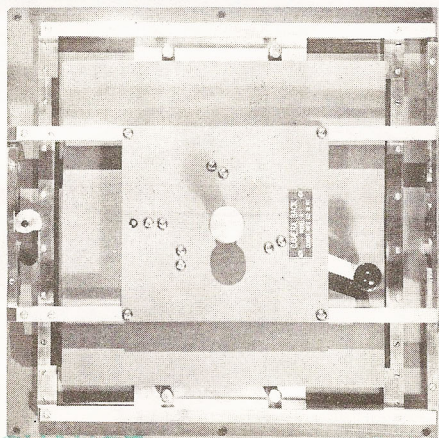
SIZE 8 x 10/10 x 12  
11 x 14 TO  
16 x 20

SIZE 11 x 14  
17 1/2 x 22

BY QUOTATION

CONSISTS OF TWO PARTS FOR ALL ENLARGERS EXCEPT SALTZMAN; THE BASE WITH LOCK WHICH FASTEN INTO ENLARGER, AND THE NEGATIVE CARRIER. THE CARRIER LOCKS FIRMLY TO THE BASE AND HAS ADJUSTABLE REGISTRATION PINS. PUNCHED REGISTERED SEPARATIONS CAN BE PROJECTED IN EXACT REGISTER. ENLARGER SHOULD BE BRACED TO ENSURE RIGIDITY.

FOR MAKING DIRECT SCREENED SEPARATIONS FOR SHORT RUN COLOR LITHOGRAPHY. DOUBLE SET OF REGISTER PINS FIT EASTMAN MATRIX PUNCH. FILM IS PLACED ON INSIDE PINS WHICH ARE RETRACTED AFTER FILM IS HELD BY VACUUM. SCREEN IS PLACED ON OUTSIDE PINS AND SECOND VACUUM CHANNEL OPENED. EXPOSURE IS MADE WITH SCREEN IN INTIMATE CONTACT WITH FILM. BASE FASTENS TO ENLARGER. VACUUM EASEL CLAMPS TO BASE AFTER POSITIONING.



PRICE CHANGE

\$ 620.00

CAMERA  
BACK

10 x 10

~~\$ 585.00~~

## NEGATIVE CARRIERS

OMEGA 4 x 5

4 x 5 REGISTER PINS

2 1/4 REGISTER PINS

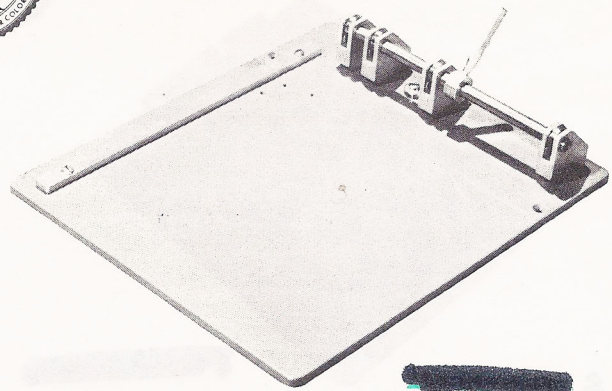
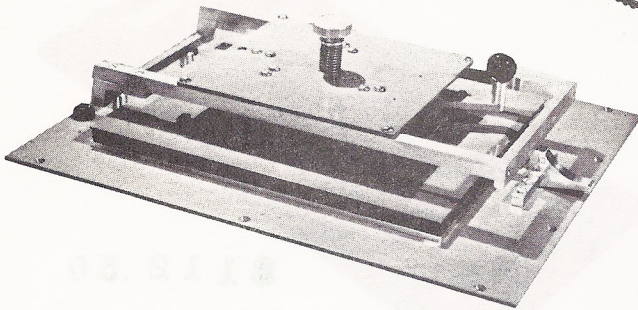
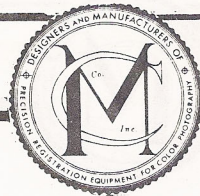
4 x 5 GLASSLESS TYPE C

35 mm OR 2 1/4 CIBACHROME  
REGISTER PINS IMMERSION

35 mm - 2 1/4 SEPARATIONS  
OIL IMMERSION

CONDIT MANUFACTURING COMPANY, INC.  
PHILO CURTIS ROAD  
SANDY HOOK, CONN. 06482

CAMERA BACK MOUNTS ON WALL INSIDE DARKROOM; CAMERA MOUNTS OUTSIDE. REGISTER PINS IN GLASS ONE SIXTEENTH INCH IN DIAMETER. GROUND GLASS FOR COMPOSING SWINGS TO THE RIGHT; TYPE "C" PLATEN SWINGS TO THE LEFT. FINE ADJUSTMENT ON GROUND GLASS POSITION FOR FOCUSING. PLATEN PRESSURE ADJUSTABLE. MASKS CAN BE MADE FROM COPY AND USED ON THE REGISTER PINS TO MAKE MASKED SEPARATIONS. CAMERA BACK CAN BE USED FOR MASKING DUPLICATE TRANSPARENCIES AND MAKING MULTIPLE DUPES ON ONE FILM BY THE USE OF CUT OUT MASKS.



PRINTING PLATEN

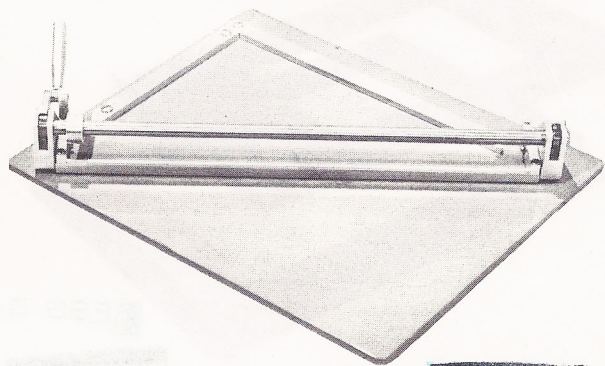
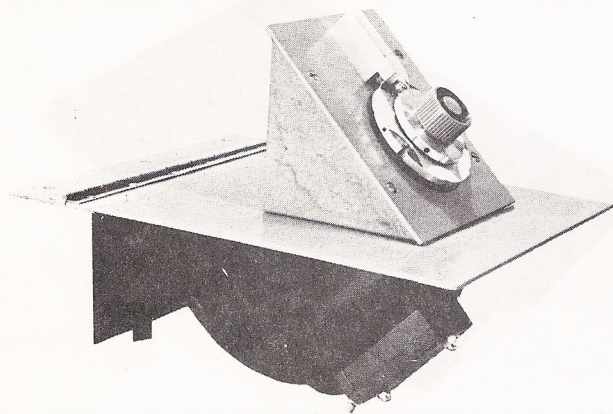
S I Z E	8 x 10	\$261.00	<del>\$280.00</del>
	10 x 12	\$280.00	<del>\$300.00</del>

FILM PUNCH

S I Z E	35 MM TO 5 x 7	\$165.00
	35 MM TO 8 x 10	\$178.00
	2 1/2 TO 8 x 10	\$158.00

DESIGNED TO ELIMINATE SLIDING BETWEEN FILMS POSITIONED ON REGISTER PINS DUE TO UNEVEN PRESSURE OF PLATEN. TWO PINS ONE SIXTEENTH INCH IN DIAMETER ARE CEMENTED IN PLATE GLASS. PUNCH NUMBER NECESSARY WHEN ORDERING REPLACEMENT GLASS. PLATEN LOCKS IN PLACE OVER FILMS BUT FOAM RUBBER DOES NOT CONTACT FILMS UNTIL LEVER IS OPERATED. PLATEN DROPS VERTICALLY TO MAKE CONTACT. PLATEN PRESSURE IS ADJUSTABLE. PLATEN MOUNTS ON BENCH TOP. EXPOSING LIGHT MUST BE LOCATED INSIDE BENCH.

PUNCHES TWO HOLES ONE SIXTEENTH INCH IN DIAMETER IN FILM MARGIN. GUIDES FOR CENTERING DIFFERENT SIZE FILMS. FILM SIZE CHANGES MUST BE COMPENSATED FOR BY CONTROLLING MOISTURE CONTENT OF FILM. WARM DRY AIR CAUSES FILM TO SHRINK; MOIST AIR OR STEAM CAUSES FILM TO EXPAND.



EXPOSING LIGHT

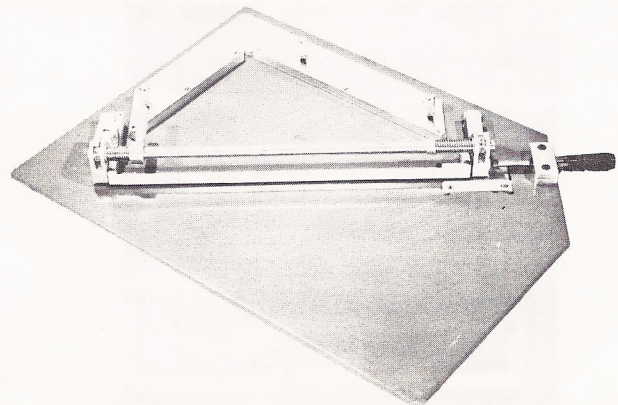
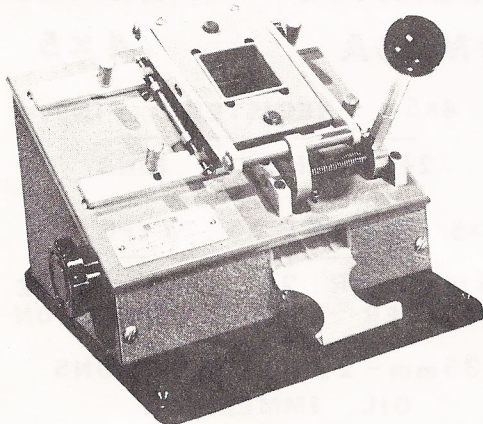
S I Z E	8 x 10	\$244.00
	10 x 12 SEPARATIONS	

DIAGONAL FILM PUNCH

S I Z E	8 x 10	\$225.00
	10 x 12	\$238.00

USED IN CONJUNCTION WITH PRINTING PLATEN. LIGHT MOUNTS ON BENCH TOP. LIGHT IS DIRECTED TO A FIXED MIRROR UNDER THE PLATEN OR A ROTATING MIRROR FOR DIFFUSED MASKING. THREE SERIES VI GLASS MOUNTED FILTERS SUPPLIED. F. N. 478. FILTERS SELECTED BY FILTER DISC. APERTURE SELECTED BY KNOB. HINGES OPEN TO REPLACE 75W #111 ENLARGING LAMP.

INCREASED ACCURACY OF REGISTRATION WHERE FILMS MUST BE USED FOR MULTIPLE EXPOSURES. FILM SIZE CHANGES MORE PRONOUNCED EXCEPT WHEN USED WITH STABLE BASE FILM DUE TO THE GREATER DISTANCE BETWEEN HOLES.



FILM DIE CUTTER

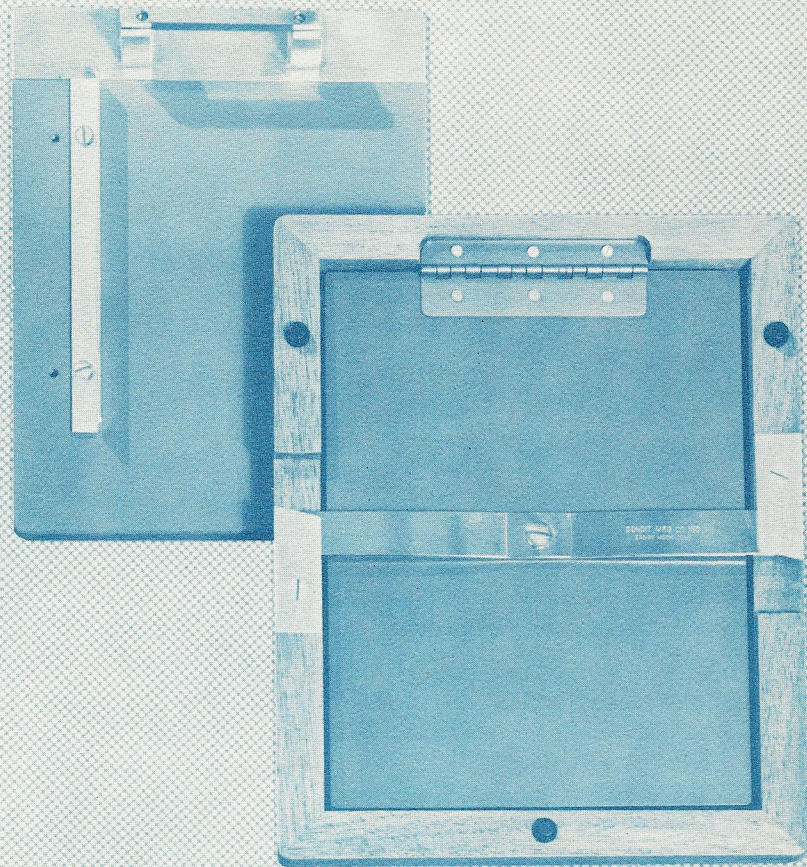
S I Z E	35 MM SQUARE SUPERSLIDE	\$363.00
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MICROMETER FILM PUNCH

S I Z E	8 x 10	<del>\$280.00</del>	\$374.50
	10 x 12	<del>\$300.00</del>	\$314.00

FOR CUTTING SUPER SLIDES FROM 120, 520 AND 127 ROLL FILMS. LIGHT INSIDE; SLIDE VIEWED BEFORE CUTTING.

PUNCH ADJUSTABLE PLUS OR MINUS FORTY THOUSANDTHS OF AN INCH FOR USE WHERE FILM SIZE CHANGES CANNOT BE COMPENSATED FOR BY USUAL METHODS. MUST BE USED IN CONJUNCTION WITH ADJUSTABLE PIN GLASS. FILM GUIDE ADJUSTABLE FOR 8 x 10 AND 10 x 12.



The MASK REGISTRATION FRAME consists of the PUNCH, FRAME, and PIN GLASS and is designed for printing contact masks and separations. All parts are carefully made to give exceptional accuracy.

CHECK THESE FEATURES:

OUT OF REGISTER NEGATIVES AND MASKS ARE ELIMINATED.

VISUAL REGISTRATION AND EYE FATIGUE ARE ELIMINATED.

PUNCHED HOLES DO NOT ENTER THE PICTURE AREA.

PUNCHED HOLES ARE ONE SIXTEENTH INCH IN DIAMETER.

REGISTER PINS ARE CEMENTED IN PLATE GLASS.

VARIATION IN LIGHT SOURCE POSSIBLE FRAME CAN BE USED IN ANY POSITION.

PROCEDURE:

Two holes are punched in the margin of the transparency outside the picture area. The film is placed in position on the pin glass. The unexposed mask is punched in the same manner and placed over the same pins. The FRAME is closed and the exposure made normally. Diffused masks can be made with the FRAME following Eastman's suggested method. When masks are developed, they are placed on the pins with the transparency and the separation film punched and exposed as above. All three separations will be in register and can then be projected in register by using a PRECISION NEGATIVE CARRIER using the same holes for registration.

Other punches are available for films from 35mm to 10 x 12. Micrometer diagonal punches are available and should be used with adjustable pin glasses.

Notes:

Glass for the 5 x 7 Frame measures 7" x 9"

Glass for the 8 x 10 Frame measures 10" x 12"

Punch number is needed when ordering replacement glass.

A cover glass can be supplied with two clearance holes at the pin positions.

\$ 132.50

\$ 20.00

4 x 5 to 5 x 7 combination \$

extra glass \$

\$ 170.00

8 x 10 .....

extra glass \$

\$ 31.00

# MASK REGISTRATION FRAME

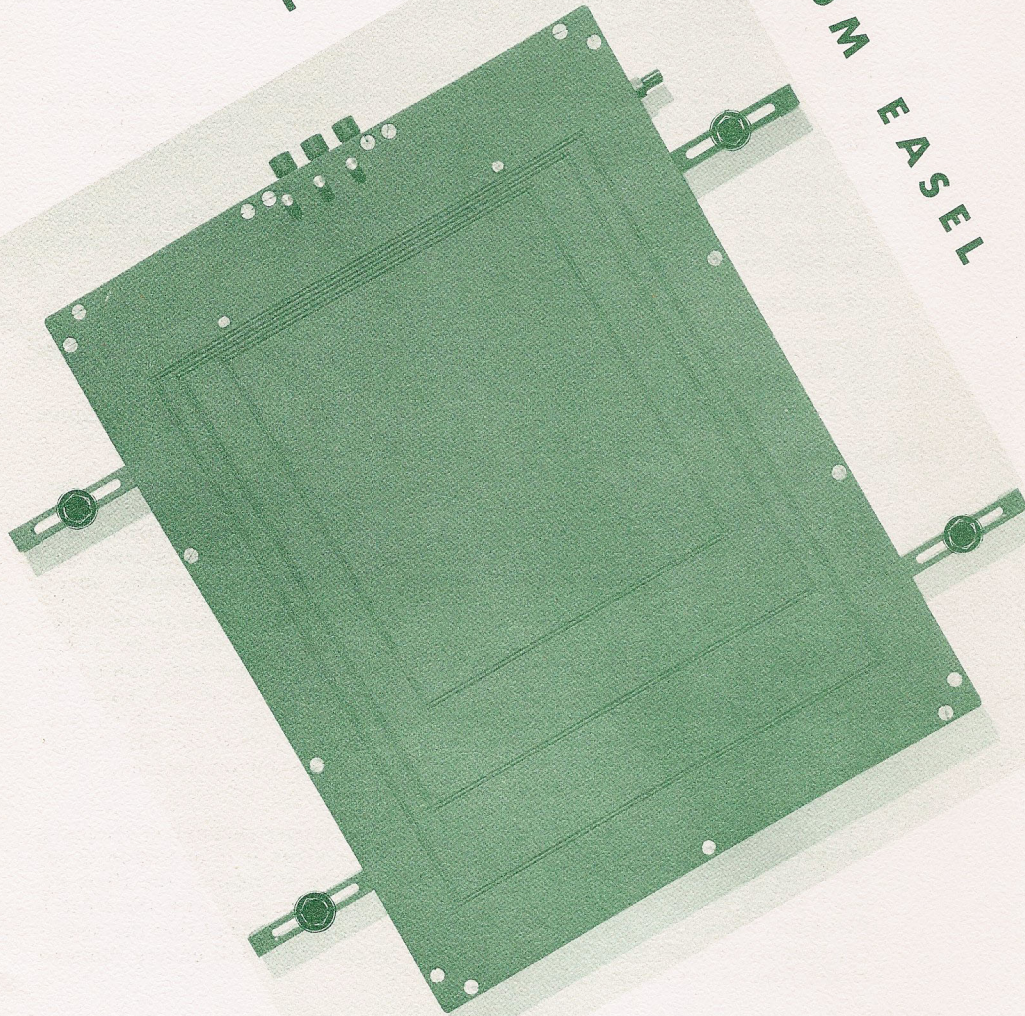
4 x 5

5 x 7

8 x 10

FIXED PIN

VACUUM EASEL



40 x 50

4 x 5

## FIXED PIN VACUUM EASEL

LARGE PINS

SIZE 8" x 10" - 10" x 12" - 11" x 14" - 2 pins -  
Each extra channel  
Each extra register pin

\$ 325.00

About \$ 140.00  
\$ 35.00  
\$ 6.50

### SPECIFICATIONS

Easels have two or more register pins and a separate channel and valve for each film size. Easels are made to order to suit your layout requirements.

### REQUIREMENTS

1/6 HP vacuum pump  
CONDIT MATRIX FILM PUNCH -or-  
KODAK REGISTER PUNCH

### FUNCTION

The FIXED PIN VACUUM EASEL has been designed to hold a single film on register pins without glass. Several film sizes are used with each easel. Multiple films can be held with an overlay sheet for exposure by contact.

### DYE PRINTING

A CLAMPING BASE is generally used for exposing matrix film since three matrices are usually printed in register. This base is not essential, but is the most convenient way of securing the easel.

CLAMPING BASE - 2 clamps - SPINTITE - About \$110.00

SAUNDERS masking strips can be furnished on a 20" x 24" VACUUM EASEL. These will be adjustable on three sides only.

MASKING STRIPS Add to easel cost \$220.00

### LITHOGRAPHY

Contact printing requires the use of a plastic overlay sheet to hold all films and the screen with vacuum. This sheet is either taped to the end of the easel or placed on a second set of register pins. Holes must be punched in the overlay sheet where it falls on the register pins. Exposure is made with an overhead light. A separate channel is provided for the overlay sheet.

For projection printing, a DEEP THROAT PUNCH can be used for the overlay sheet which is then used on the same pins as the separation film. A separate channel is provided for the overlay sheet which in this case can be the oversize screen since there will be no films on top of the screen, as is the case in contact printing. Masking is done in the negative carrier which must have full registration. In lieu of the DEEP THROAT PUNCH, the RETRACTABLE PIN VACUUM EASEL is used for direct screened separations.

### OPERATION

Film is punched and placed on register pins. The proper channel, or channels, is evacuated to hold the film flat. With the larger sizes it is desirable to remove the air from between films. This can be done by rubbing the films by hand with a cotton glove, or by rolling away from the pins with the PRINT ROLLER. When using the larger film sizes, it is recommended that the smallest channel be used first, finishing with the largest. This will ensure flatness of the film as the air is withdrawn.

### NOTES

When films larger than 8" x 10" are used, three or more register pins are recommended.

Register marks can be built into the vacuum easel. Cross lines are .004" wide and are exposed onto the film from the bottom with a battery operated light inside the easel.

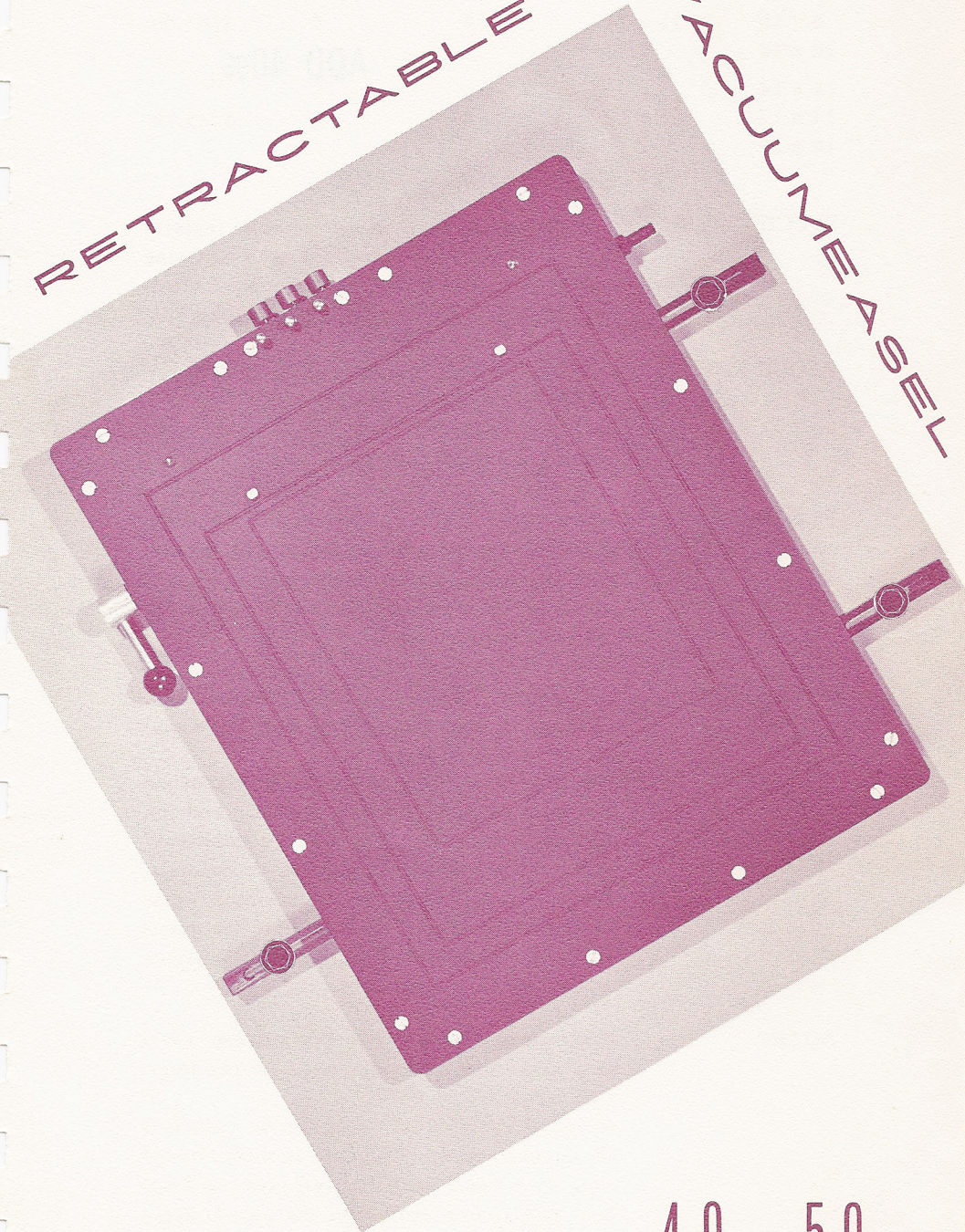
Set of 2 REGISTER MARKS \$105.00  
Each additional MARK \$ 35.00

PRICE CHANGE

PRICE CHANGE

PRICE CHANGE

# RETRACTABLE PIN VACUUM EASEL



4 x 5

40 x 50

## RETRACTABLE PIN VACUUM EASEL LARGE PINS

FILM	SCREEN	CHANNELS	PINS	COST
8 x 10	11 x 14	3	4	\$285.00
10 x 12				
11 x 14				
14 x 17	16 x 20	4	4	\$345.00
16 x 20				

ADD 40%

OTHER SIZES MADE TO ORDER

**SPECIFICATIONS** One or more sets of retractable register pins. One vacuum channel for each film size and screen. A separate valve for each channel. One set of fixed register pins for screen.

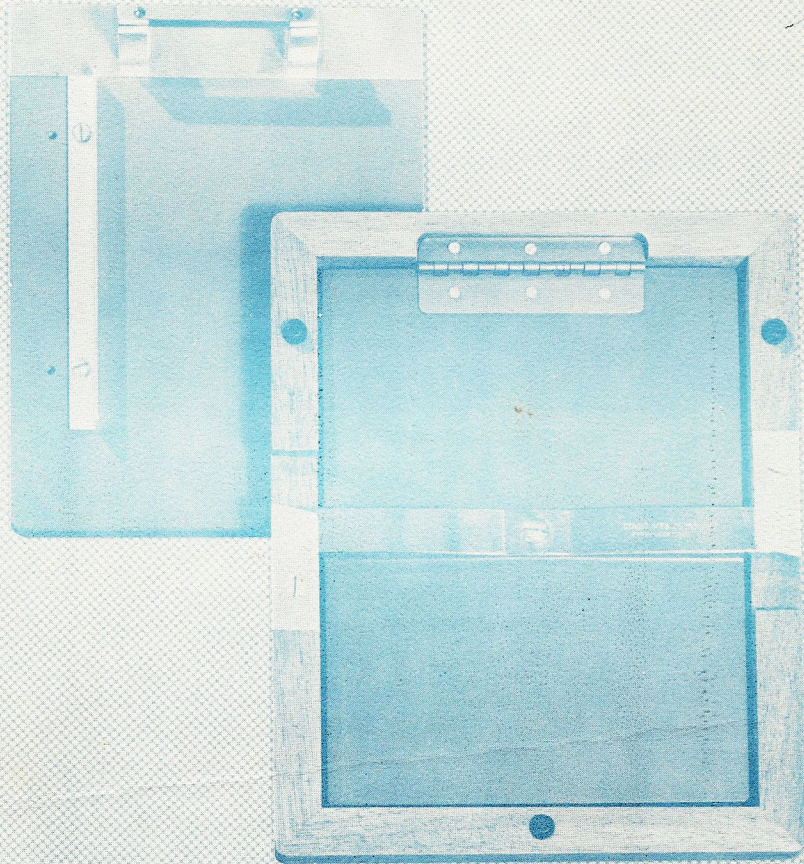
**REQUIREMENTS** CONDIT MATRIX FILM PUNCH – or –  
EASTMAN MATRIX PUNCH  
¼ HP vacuum pump  
Set of pre-angled screens

**FUNCTION** The purpose of this vacuum easel is to make screened separations in register by projection using pre-angled screens. Screens are not held by a frame, but are punched and used on register pins.

**OPERATION** In printing direct screened separations, masking is done in register with the transparency in the enlarger. The separation film is punched, placed on the register pins, vacuum applied, and the pins retracted. The film will be positively held in place until the vacuum is removed. The screen is then placed on the fixed register pins insuring proper position over the vacuum channel and correct screen angle. Vacuum is applied and exposure made.

**NOTES** *Illustration shows a two pin system. Three or four pins are recommended for the larger film sizes.*

*Register marks .004" wide can be built into the vacuum easels. Exposure is made through mark by a small lamp and self contained battery and switch built into the easel. Price on quotation. A clamping base is available. About \$100.00*



# MASK REGISTRATION FRAME

4 x 5

5 x 7

8 x 10

7-78

The MASK REGISTRATION FRAME consists of the PUNCH, FRAME, and PIN GLASS and is designed for printing contact masks and separations. All parts are carefully made to give exceptional accuracy.

**CHECK THESE FEATURES:**

OUT OF REGISTER NEGATIVES AND MASKS ARE ELIMINATED.

VISUAL REGISTRATION AND EYE FATIGUE ARE ELIMINATED.

PUNCHED HOLES DO NOT ENTER THE PICTURE AREA.

PUNCHED HOLES ARE ONE SIXTEENTH INCH IN DIAMETER.

REGISTER PINS ARE CEMENTED IN PLATE GLASS.

VARIATION IN LIGHT SOURCE POSSIBLE FRAME CAN BE USED IN ANY POSITION.

**PROCEDURE:**

Two holes are punched in the margin of the transparency outside the picture area. The film is placed in position on the pin glass. The unexposed mask is punched in the same manner and placed over the same pins. The FRAME is closed and the exposure made normally. Diffused masks can be made with the FRAME following Eastman's suggested method. When masks are developed, they are placed on the pins with the transparency and the separation film punched and exposed as above. All three separations will be in register and can then be projected in register by using a PRECISION NEGATIVE CARRIER using the same holes for registration.

Other punches are available for films from 35mm to 10 x 12. Micrometer diagonal punches are available and should be used with adjustable pin glasses.

*Notes:*

*Glass for the 5 x 7 Frame measures 7" x 9"*

*Glass for the 8 x 10 Frame measures 10" x 12"*

*Punch number is needed when ordering replacement glass.*

*A cover glass can be supplied with two clearance holes at the pin positions.*

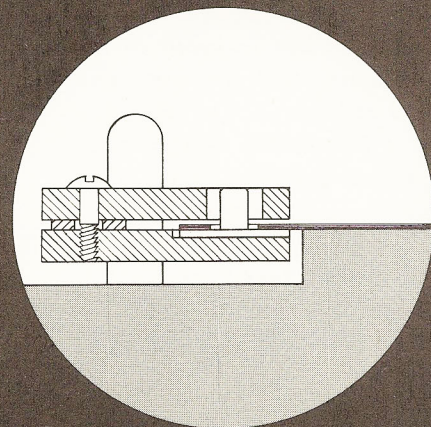
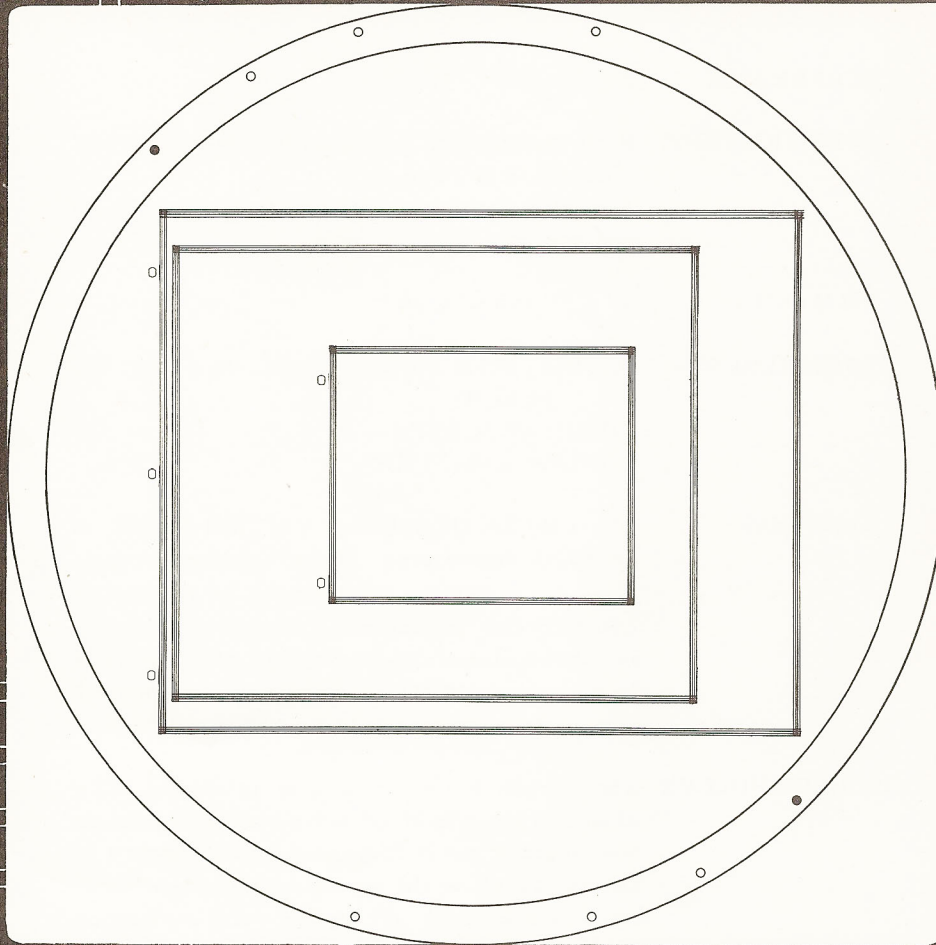
4 x 5 to 5 x 7 combination \$ 93.50 *extra glass \$18.50*

8 x 10 .....\$104.50 *extra glass \$24.50*

**ADD 10%**



## CIRCULAR SCREEN VACUUM EASEL



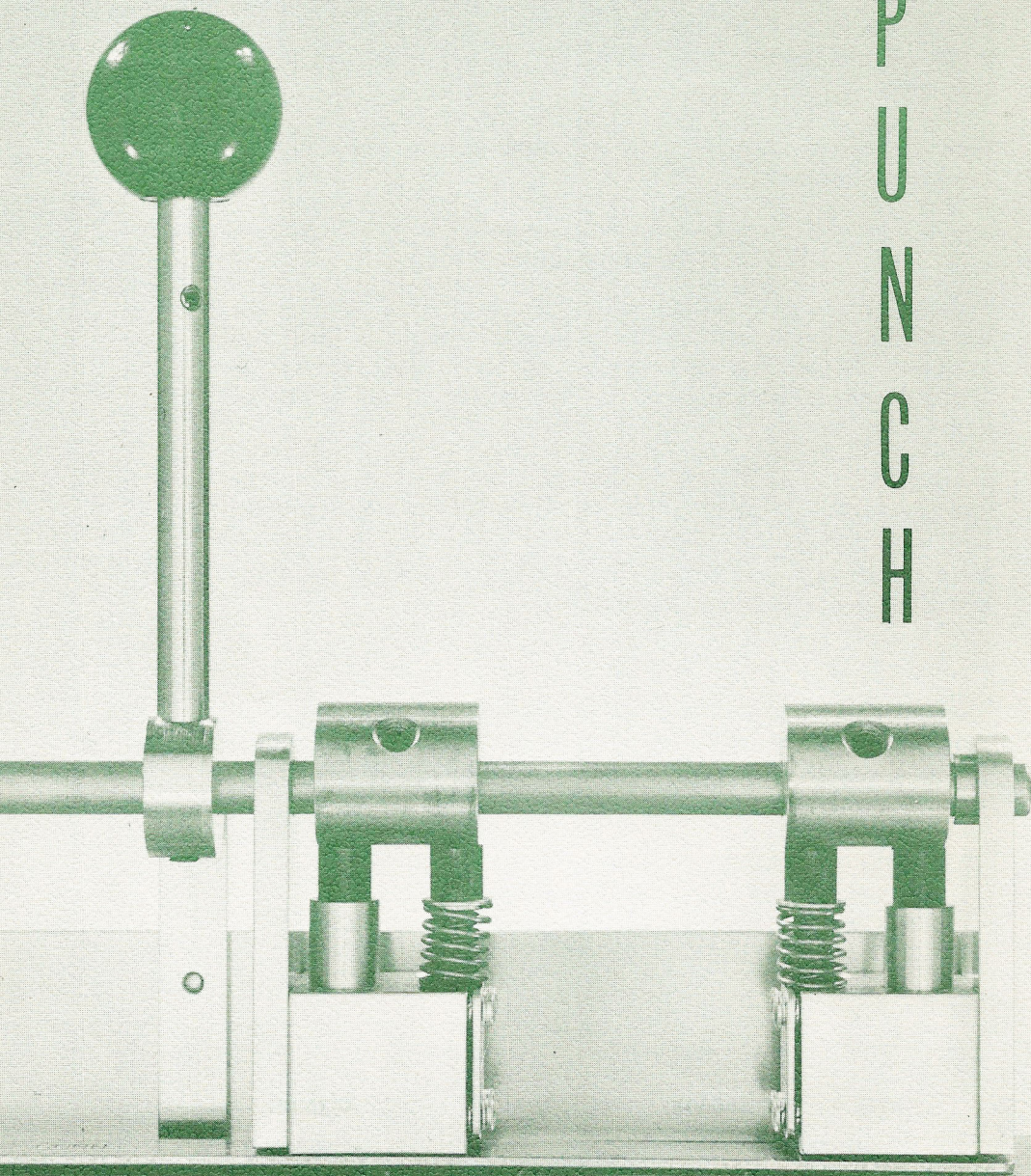
# CIRCULAR SCREEN VACUUM EASEL

- SCREEN SIZE 25'' 28'' 31''
- SPECIFICATIONS Built to order with Eastman type pins and 1/16'' pins, all retractable.  
Available with two, three and four pins to a set and one, two and three sets.
- FILM SIZES 4'' x 5'' to 18'' x 20''
- REQUIREMENTS MATRIX FILM PUNCH (Data sheet MATRIX PUNCH)  
CIRCULAR SCREEN  
1/4 HP VACUUM PUMP
- FUNCTION The CIRCULAR SCREEN VACUUM EASEL is designed for printing direct screened separations by projection. The screen is indexed at fifteen degree increments. Complete registration is accomplished by retractable pins. Film is held by vacuum with separate valve for each film size. Screen is held by additional vacuum
- SCREEN HOLDER The screen holder is unique in design. Two aluminum rings hold the screen between them on four register pins. Elongated holes punched in the screen allow the screen to expand and contract continuously, preventing wrinkles forming in the screen. The four register pins prevent the screen angle from changing. The rings index on dowel pins for the proper screen angles. Once the screen is mounted, it remains in the holder for its entire life. Screen life is improved because of lack of handling and the ease with which it may be used and stored. The design of this screen holder is practicable only because the surface of the vacuum easel is raised. (See illustration)
- NOTE *Base and clamps available made to order.*
- COST \$550.00 to \$850.00 **PRICE CHANGE**

\*\*We make and sell Register Strips for the Eastman Kodak Punch.

# F I L M

# P U N C H



THE MATRIX FILM PUNCH is a precision punch used for films 8x10 and larger where accuracy of registration is essential. This punch can be used in Dye Transfer, lithography, and photoengraving.

Two standard spacings are available. (*sketch*) THE MATRIX FILM PUNCH can be made in any size required with as many holes as needed. If two punches must match, they should be ordered at the same time.

*When films larger than 11 x 14 are used, three or more register pins are recommended.*

### HOW IT WORKS

With the film in position, the stripper bar is pressed down by the action of the handle and the film is punched when it is firmly held in place. The punches are withdrawn and the stripper releases the film. For greatest accuracy only one film or plate should be punched at one time.

The punch is supplied mounted on a two inch by one quarter aluminum base and can be fastened wherever convenient. A Masonite table can be supplied. Punches and anvils are hardened and aluminum plates up to .008" can be punched.

Three methods of registration are in common usage and equipment listed below is available from stock or made to suit your requirements. Eastman style pins are used and several different types are available from stock.

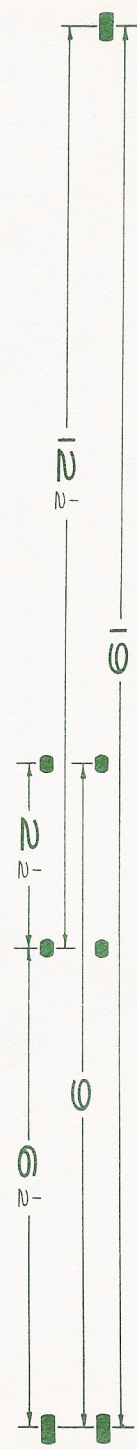
1. REGISTER STRIPS . . . . refer to data sheet on strips.
2. REGISTER BARS . . . . made to order in any form.
3. REGISTER BOARDS . . . any size plate glass with pins.

3 HOLE PUNCH ~~\$406.00~~

4 HOLE PUNCH ~~\$475.00~~

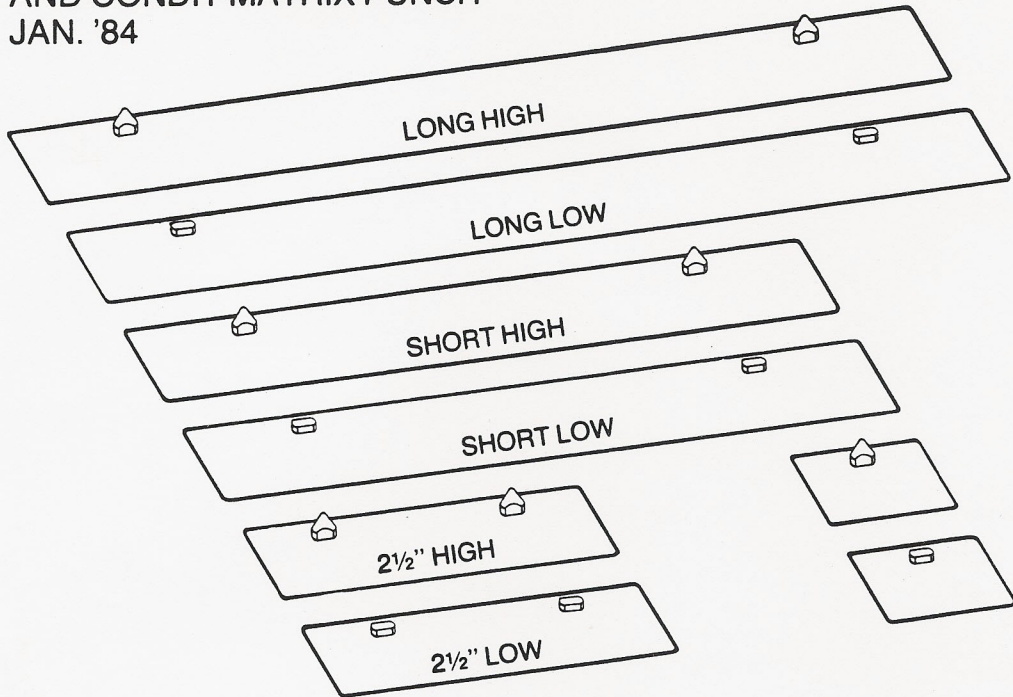
\$ 410.00

\$ 480.00



# STAINLESS STEEL REGISTER STRIPS

FOR EASTMAN KODAK PUNCH  
AND CONDIT MATRIX PUNCH  
JAN. '84



.015 SPRING TEMPER STAINLESS BASE  
STRIPS TO MATCH CONDIT MATRIX PUNCH

3 Pins

4 Pins

5 Pins

6 Pins

HIGH AND LOW PINS

ROUND PINS 1/16 - 1/8 - 3/16 - 1/4

Single pin strip

Two pin strips

NEED NUMBER OF CONDIT PUNCH TO MATCH

Special two pin strips

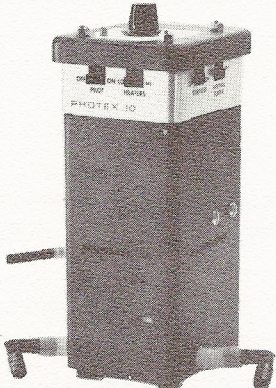
REGISTER PINS AVAILABLE SEPARATELY

CONDIT MANUFACTURING CO., INC.  
Philo Curtis Road  
Sandy Hook, CT 06482  
U.S.A.

# NEW — the **PHOTEX** Line

PROCESS TEMPERATURE CONTROL ABOVE OR BELOW AMBIENT — TEMPERATURE CONTROLLED DRYING CABINET KIT — MAGNETIC STIRRER — WATER CHILLER — KITS & ACCESSORIES FOR THE AMATEUR AND PROFESSIONAL DARKROOM.

Current acceptance of the **PHOTEX 6** & **PHOTEX 10** Temperature Control Instruments has encouraged us to offer additional proven equipment for the amateur and professional darkroom. We believe the introduction of high quality kits to the amateur and professional photographer is unique to the industry. This line of practical, precision equipment will save money and help improve your skills. Read over the descriptions—we think you will be impressed and want to add them to your darkroom. All **PHOTEX** equipment is guaranteed.



**PHOTEX 10-K** — Kit - \$135  
Assembled - \$165.00  
Shipping Wt. 5 lbs.

**PHOTEX 10-K** The same **PHOTEX** described in our brochure is now available to the knowledgeable hobbyist for home assembly, test and calibration. The saving is about 25%. Complete step-by-step instructions carry you through assembly & test in six to ten hours.

This kit consists of all parts and components which make up the **PHOTEX 10**. We guarantee it will work to the **PHOTEX 10** specifications. In case of difficulty we will get the assembled unit working, calibrate it and return it for \$15.00.

NOTE: The **PHOTEX 10**, assembled or in kit form, does not provide the cooling energy, only the control of water flow, re-circulating through a cooling source, for maintaining process solutions below ambient room temperature. See the **PHOTEX 10** brochure for more details.

**PHOTEX 10-CBK** CIRCUIT BOARD KIT. For the more adventuresome and knowledgeable. The heart of the **PHOTEX 10**, the temperature control circuit board, is available in kit form. This kit consists of the circuit board, temperature sensor, calibrated dial & knob, input & output wiring, all electronic components & switches, mounting hardware and step-by-step assembly and application instructions. This kit does not include heaters, pump, cabinet and cooling solenoid. It is offered to be used as an improvement to existing equipment or as an economical method of getting started with practical, precision temperature control of air or liquids from 65 to 110°F.,  $\pm .1^\circ\text{F}$ . Output switching up to 600 watts. With slight modification it can be used from 35 to 150°F. The heart of a precision temperature control for a drying cabinet, developing, etc.

**PXV-114-K** SOLENOID VALVE COOLING CONTROL KIT. Now you can add to your heating control instrument the one important part that was left out of other systems. This kit is designed to be used with your present pump, or one of the **PXP** series of pumps, for re-circulating water through a cooling source. It consists of the same solenoid, tubing & fittings, D.C. power supply, and mounting hardware supplied with the **PHOTEX 10**, when assembled or in kit form. Your control instrument must have an auxiliary power outlet for an additional heater. Power required is 115 VAC, 50/60 cycles, 5 watts.

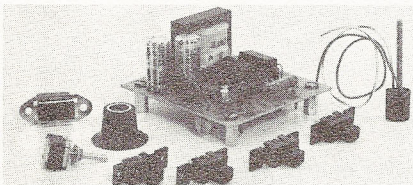
**PHOTEX 8KA** DRYING CABINET KIT. This new approach offers efficient, inexpensive drying and tempering facilities to the serious photographer. It is designed to dry film or paper at the ideal 110°F.

Construction is of 275# test, double wall corrugated board. The frame is milled, select fir. The outside panel surface is woodgrain vinyl and the inside surface is laminated aluminum foil, a very effective combination for efficient insulation.

All materials, including wood frame, corrugated board and covering, electronic parts, 4" fan and motor, 300 watt electric heater, all necessary hardware and brackets are supplied. All holes are drilled. The paint or stain and glue are not supplied.

Model 8KA has automatic, solid state temperature control adjustable from 85°F. to 115°F., with a tolerance of  $\pm 1^\circ\text{F}$ . The **PHOTEX 8KA** drying cabinet makes an efficient method of tempering solutions before processing.

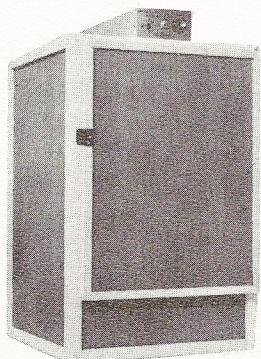
Dimensions: Inside - 18" square x 30" high.  
Outside - 20" x 21" x 32½" high.



**PHOTEX 10-CBK**  
Kit \$45.00  
Wired & Tested \$55.00  
Shipping Wt. 2 lbs.

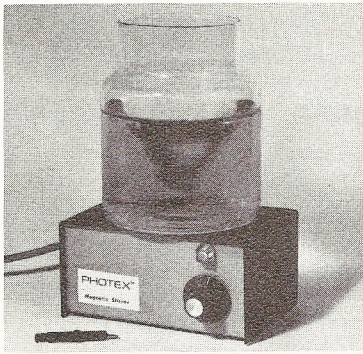


**PHOTEX 114-K**  
\$25.00  
Kit Only  
UPS Shipping Wt. 1 lb.



**PX-8KA**  
DRYING CABINET  
Kit only \$150.00  
Extra 30" length - \$25.00  
UPS Shipping Wt. 15 lb.

DISCONTINUED



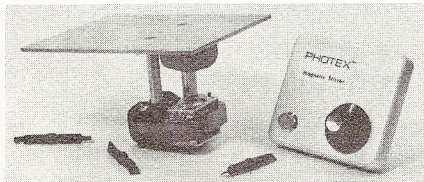
**PHOTEX 12**  
MAGNETIC STIRRER  
Assembled - \$95.00  
UPS Wt. 4 lbs.

**PHOTEX 12 MAGNETIC STIRRER.** This new device will stir a pint or 3½ gallons in a glass, plastic or stainless steel vessel including bottles. It is useful up to ten gallons. A solid state speed control allows full variable speed from about 100 to 1500 RPM. A plastic encased metal rod is dropped in the solution, it automatically centers in the vessel and spins thereby efficiently stirring the liquid. This instrument is not for use with high viscosity materials.

**Construction:** The case is .062" aluminum with baked enamel base. The top is black vinyl laminated to .062 aluminum. Size: 6¼"L x 4"W x 3"H. Ventilation holes are provided.

**Electrical:** A 6 ft., 3-Wire line cord; red plot light; on-off-speed knob; 117 VAC., 18 watts.

Mixing vessel shown is not supplied. 2 Stirring Bars are supplied. Additional bars \$4.00 each.



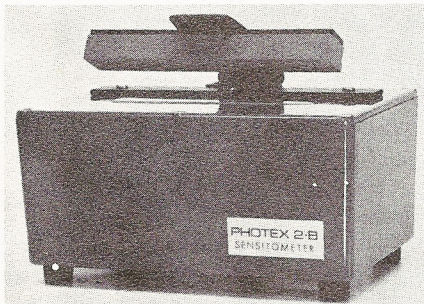
**PHOTEX 12A**  
\$105.00  
Assembled only  
UPS Shipping Wt. 5 lbs.

**PHOTEX 12A MAGNETIC STIRRER.** This unit has the same electrical and mechanical parts except that it is designed to be mounted flush in a bench top. Simple wiring connections are required.

**Construction:** A flush mounting plate is 6" x 6" x 1/8 inch thick, black anodized aluminum. Control box is 4" x 4" x 2" steel with grey baked enamel finish.

**Electrical:** Same as the **PHOTEX 12**. Simple wiring connections must be made between the stirring head and control box. All connections are made with a screw driver and clear instructions.

Two stirring bars are supplied. Additional stirring bars \$4.00 each.



**PHOTEX 2-B**  
SENSITOMETER  
\$350.00 Assembled

**PHOTEX 2-B SENSITOMETER:** An exceptionally high stability instrument. A large film manufacturer chose the **PHOTEX 2-B Sensitometer**, over all other available sensitometers, as the basis for a special instrument. The **PHOTEX** has a long term stability of better than .03 relative log exposure. If you are using control strips in your B & W or color processing line, this instrument will pay for itself in a short time.

**SPECIFICATIONS:** Automatic exposure, 1/12 second. Recycles in 7 seconds. Power, 117 VAC, 50/60 hZ, 2 watts. Cast aluminum cabinet with plastic light tunnel, black anodized or stainless steel exterior parts. A 21 step tablet and neutral density filters are supplied. Size 5" x 7½" x 5½" high. Shipping Wt. 4 lbs.

We guarantee the **PHOTEX 2-B** to have better long and short term stability than any other sensitometer available today.

IN THE WORKS — A solid state water chiller — A tray rocker — Pulse agitation for process tanks.

## INSTRUMENTATION ASSOCIATES

20 Boas Lane, Wilton, CT 06897  
203-762-7870

## YOUR PHOTEX DEALER IS:

CONDIT MFG. COMPANY, INC.  
PHILO CURTIS ROAD  
SANDY HOOK, CONN. 06482