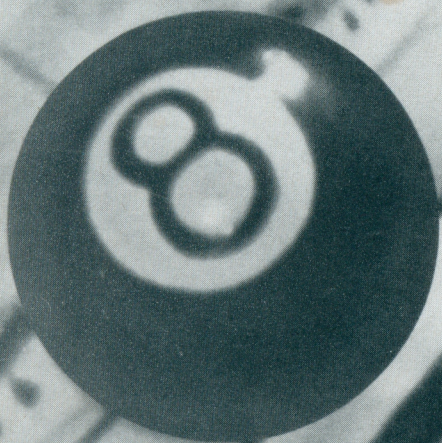


Come out from behind with
FOCOMAT



LEITZ FOCOMAT AUTOMATIC FOCUSING ENLARGER

THE FINEST ENLARGER FOR MINIATURE NEGATIVES

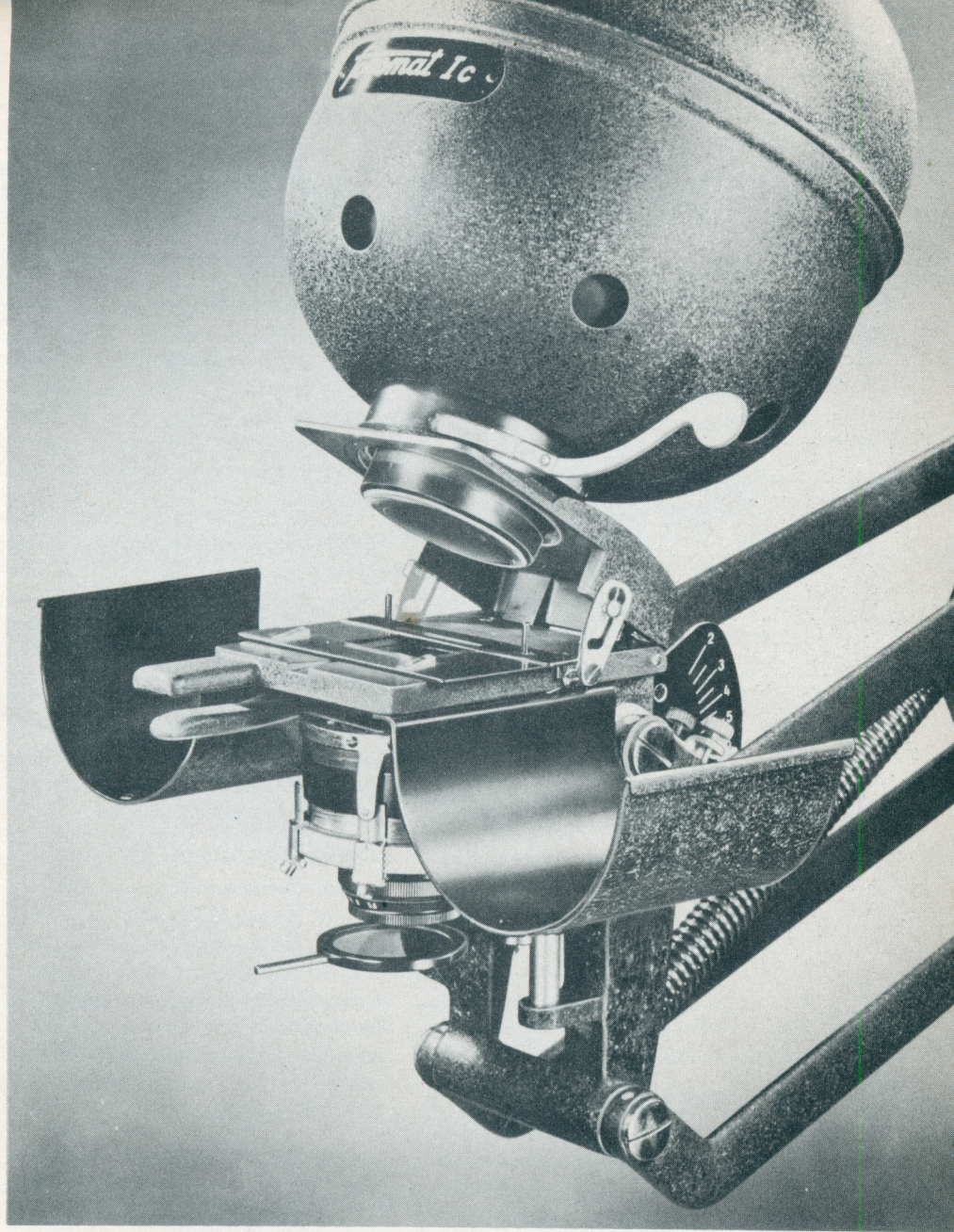
... is the reputation earned by the precision-perfect Focomat Ic, designed, engineered and constructed by E. Leitz, Inc. originators of modern 35mm. camera photography, on the principle that an enlarger must be as precise as a Leica camera to properly reproduce all of the details and gradations in negatives. The Focomat is built to give you completely automatic focusing for magnifications from 2 to 10 diameters—*at the touch of a finger*. Simply raise or lower the enlarger head until the desired print size is reached—the lens automatically stays in correct focus. Created specifically for 35mm. negatives, the value and usefulness of the Ic Enlarger is increased by its adaptability to a *variety* of miniature camera types, and by the wide range of negative sizes it will accommodate:

- (a) 18 x 24mm.
- (b) 24 x 24mm.
- (c) 24 x 36mm.
- (d) 3 x 4cm.
- (e) 4 x 4cm.

Separate interchangeable masks are used for the different sizes.

NEW FEATURES

- New finger-grip controlled instant-locking clamp, positioning enlarging head in any automatic focusing position and holding it securely.
- Larger, sturdier upright with greater baseboard bearing surface assuring rigidity and vibration-free enlargements.
- Attractively finished in black crackle and chrome.
- Laminated plywood easel for clamping to baseboard locking device.



*Closeup view of enlarger head tilted
for cleaning and insertion of film.*

DESIGN-PERFORMANCE AND CONSTRUCTION

THE ENLARGER HEAD ... is supported by a strong parallelogram mechanism, spring counterbalanced, so that raising or lowering is a fingertip operation. A new locking device readily holds the head in the desired position without turning a knob or clamping screw. The enlarger head tilts back for easy cleaning of the condenser. Insertion of negatives is quick and simple.

FILM TROUGHS ... are mounted at each side of the enlarging head holding your precious negatives protected in roll form.

AUTOMATIC FOCUSING ... For enlargements from 2 to 10 diameters (print sizes 2" x 3" to 10" x 15" from a Leica negative) focusing is fully automatic; the enlarger head simply being raised or lowered until the desired size enlargement is obtained. The lens automatically and constantly remains in correct focus. Greater enlargements than 10 diameters are obtained by manual focusing.

NEGATIVES HELD PERFECTLY FLAT ... This is important in order to obtain over-all sharpness in prints. In the Focomat Ic, the single lens condenser also acts as a pressure plate. The negative is first placed on a metal guiding plate, then the clamping lever is moved to bring the condenser on top of the negative. The latter is thus kept perfectly flat, without inconvenient arrangements.

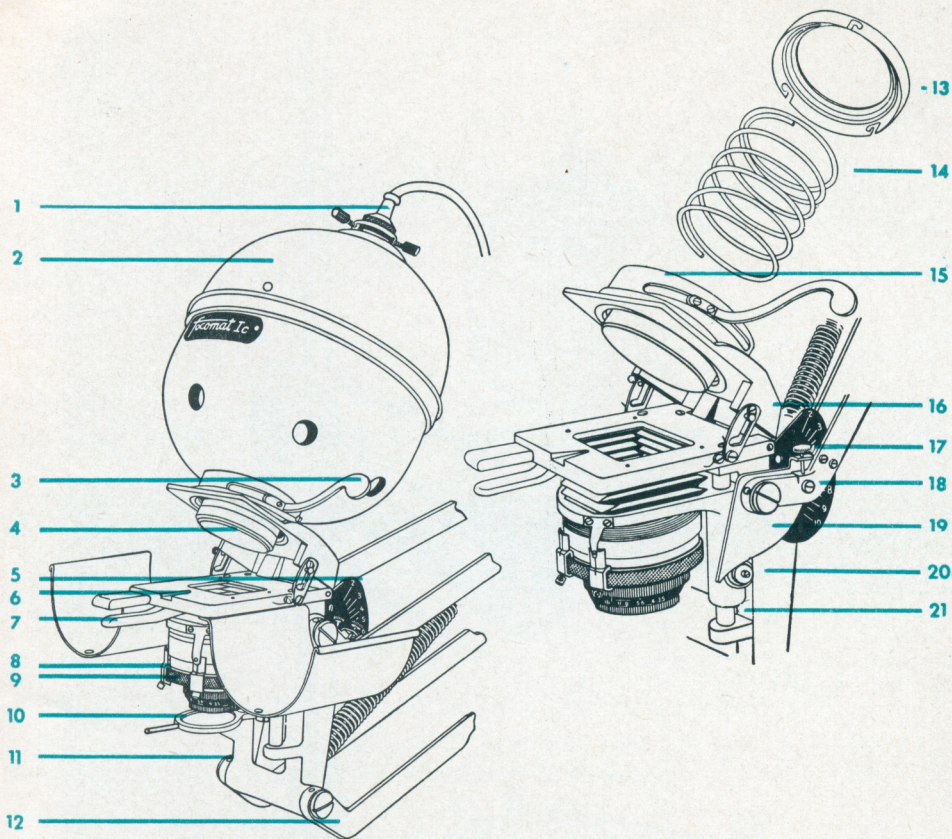
LIGHT SOURCE ... The lamp in the Focomat Ic is a 75-watt white bulb. It provides the type of diffused illumination best suited for enlarging 35mm. negatives. The condenser of the Focomat Ic expands this light so that it covers the negative area fully and evenly.

EVEN ILLUMINATION IS ASSURED

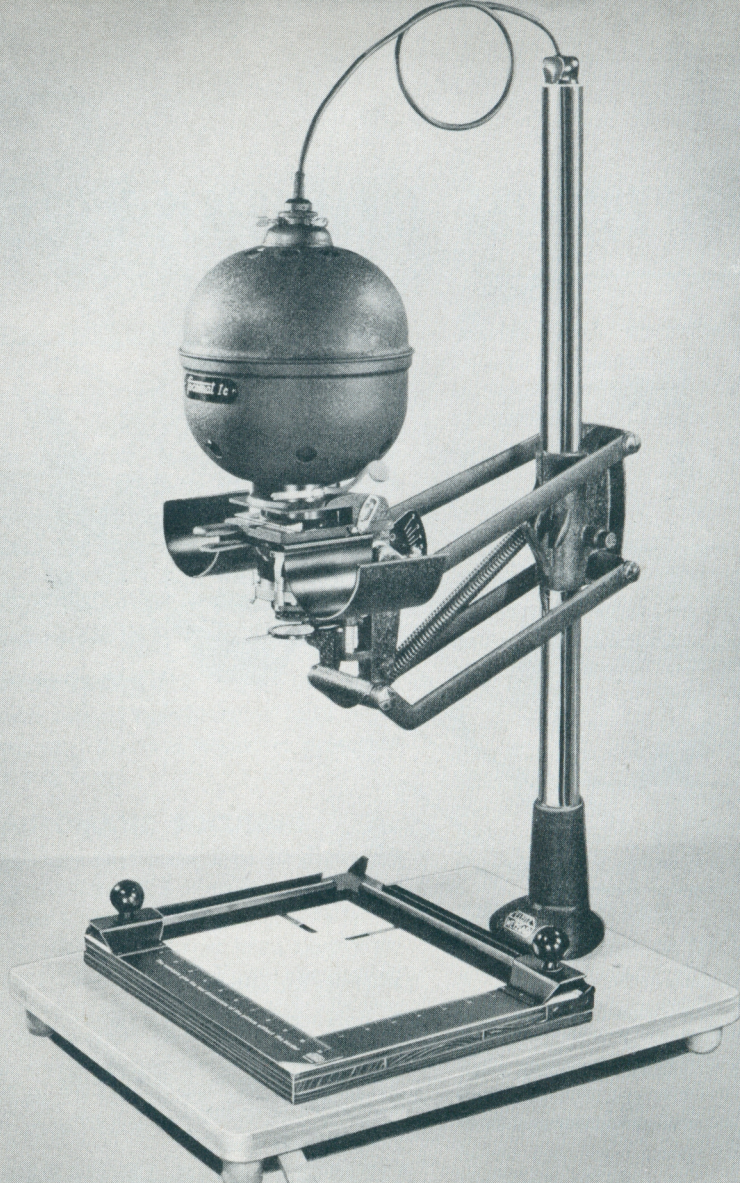
... Perfect alignment of the illumination and optical system in an enlarger is necessary so that the light is even over the projected area of the paper easel or baseboard. When the Focomat Ic is delivered, the lamp has been properly adjusted, nevertheless, the enlarger is provided with a lamp socket of novel design which permits any adjustment desired.

THE BASEBOARD ... is made from specially constructed, laminated hardwood. It is 16" x 21" in size—sturdy and warp-proof. An ingenious clamping device, actuated by a lever, locks the special easel securely to the baseboard in any desired position. A shield-protected switch is built into the baseboard for turning the enlarging lamp off and on.

CONCEALED WIRING ... is provided in the baseboard and upright pillar of the enlarger. The only exposed wiring is that leading to the electrical outlet, and a short cord and plug for connecting the lamp housing with a receptacle atop the upright. The upright pillar is 32" high and 40mm. in diameter.



- 1—3 Point adjustment for lamp.
- 2—Lamp housing containing specially designed reflector.
- 3—Lever for raising and lowering condenser.
- 4—Optically ground condenser matched to light source.
- 5—Calibrated scale shows enlarging range; 2 to 10 diameters.
- 6—Negative carrier locating slot.
- 7—Finger grip control for raising, lowering and locking head.
- 8—Index stops for focusing mount when using different negative carriers.
- 9—Manual focusing ring (for enlargements above or below auto focal range).
- 10—Orange filter for focusing on sensitized paper.
- 11—Holes for oiling.
- 12—Balanced parallelogram arm for rigidity.
- 13—Condenser spring retaining ring.
- 14—Condenser spring.
- 15—Condenser housing.
- 16—Tilt head, quick release for easy cleaning.
- 17—Calibration screw for matching cam to lens.
- 18—Calibration locking screw.
- 19—Precision ground cam accurately controls automatic focus.
- 20—Focusing cam roller for smooth operation.
- 21—Guide rod assures alignment of optical system.



ACCESSORIES

LENSES ... A special 50mm., f:4.5 coated enlarging lens is available for use with the Focomat Ic Enlarger. It is highly corrected to produce critically sharp enlargements and is equipped with an iris diaphragm having click stops for easy setting in the dark.

The 50mm. screw-mounting Leica Camera lenses (except f:1.5 lenses) can also be used with the Focomat Ic. A slip-on ring with click stops, calibrated in the "f" system and matching the 50 mm. Elmar Leica lens, is available for easy setting of this objective.

ORANGE FILTER ... This valued accessory mounts in a special screw socket on the under part of the enlarging head and can be swung in front of the lens for direct focusing on sensitized paper.

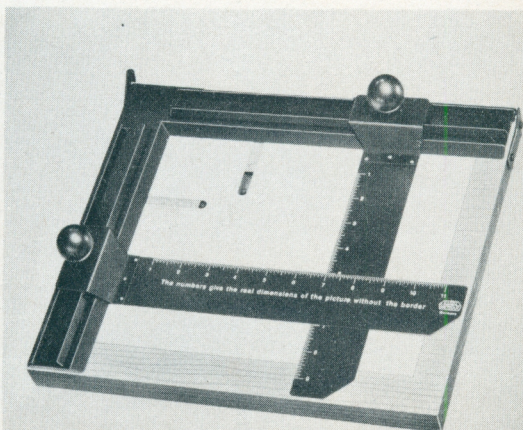
NEGATIVE CARRIER PLATES ... The standard Leica size carrier (24 x 36mm.) is supplied with the Focomat Ic. For enlarging single negatives that have been cut from the roll, a hinged double glass plate is used. When enlarging 3 x 4cm. and 4 x 4cm. negatives, special negative carriers with lower glass plate, assuring flatness of

the larger negatives are employed.

ENLARGING EASEL ... constructed of laminated plywood of one inch thickness for automatic focusing of the Focomat Ic Enlarger. It is fitted with adjustable metal masking bands calibrated for picture sizes up to 9 x 11 inches. Built-in adjustable stops permit a wide choice of margin widths on the enlarged print. The base of the easel is equipped with a non-skid device, and the dove-tail grooves fit into the special clamping device on the Focomat Ic baseboard. Also available in 16 x 20 size.

PRICE LISTING

ICOOP	17,575	Focomat Model Ic, without lens, filter or easel	\$147.00
DOOHF	17,581	Focotar 50mm. f/4.5 Enlarging Lens	45.00
FOOES	17,590	Orange filter for Focomat Ic Enlarger	7.80
VALOO	16,620	Slip-on ring for 50mm. f/3.5 Elmar Leica Lens	6.60
VNOOU	17,531	Masking negative carrier, for 3x4cm. negatives	3.90
VNUOO	17,536	Masking negative carrier, for 4x4cm. negatives	3.90
VAZEL	17,550	Single negative holder and mask	3.90
FPYOO	17,585	Enlarging easel, 9x11 inches, for Focomat Ic	22.50
FUOOR	17,630	Enlarging easel, 15x18 inches	54.00
FLABU	17,760	Enlarging bulb, white, 75 watts, 110 volts	1.20





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