







# Kodak Medalist

A RADICAL departure in camera design—Kodak Medalist, unlike any other  $2\frac{1}{4} \times 3\frac{1}{4}$  camera, combines in one compact, integrated assembly the convenience of roll film . . . easy adaptability to the back extensions, ground-glass focusing, and negative-material range of a view camera . . . and the scope, accuracy, and operating refinements of a precision miniature. This has never been done before.

Kodak Medalist was designed and built to anticipate the demands of the most critical workers—news, commercial, and scientific photographers who must produce consistently good results . . . advanced amateurs and pictorialists who compete on the basis of quality . . . and enthusiasts, generally, who want the finest equipment available.

If your own interest in photography is in one of these fields—or is some special application that similarly requires unapproached negative quality, and unequalled accuracy and convenience—you will undoubtedly choose Kodak Medalist as your next camera.

Its features, design, and operation . . . how it can be used . . . what it will do . . . are described on the following pages. But, as you will certainly want to handle the camera itself—and inspect samples of its work—this booklet is planned to supplement such an examination of the Medalist, at your Kodak dealer's.

**EASTMAN KODAK COMPANY**

ROCHESTER, N. Y.



*The most popular negative size common to professional and amateur photography is  $2\frac{1}{4} \times 3\frac{1}{4}$  inches . . .*



THE  $2\frac{1}{4} \times 3\frac{1}{4}$  size is popular because it is large enough for detail in negatives and contact prints . . . for critical focusing in a ground glass . . . and for enlarging to almost any size. And because, at the same time, it is small enough to make possible compactness in the camera . . . high speed and great depth of field in the lens . . . and convenience in handling, processing, and enlarging the negatives.

This particular shape is popular because its proportion, approximately the ideal dimensional relation of classic composition, is generally pleasing in both horizontal and vertical pictures.

Kodak Medalist produces  $2\frac{1}{4} \times 3\frac{1}{4}$  negatives on 620 roll film; and, with its accessory back, on 520 film packs and 6.5 x 9-cm. sheet films and plates.



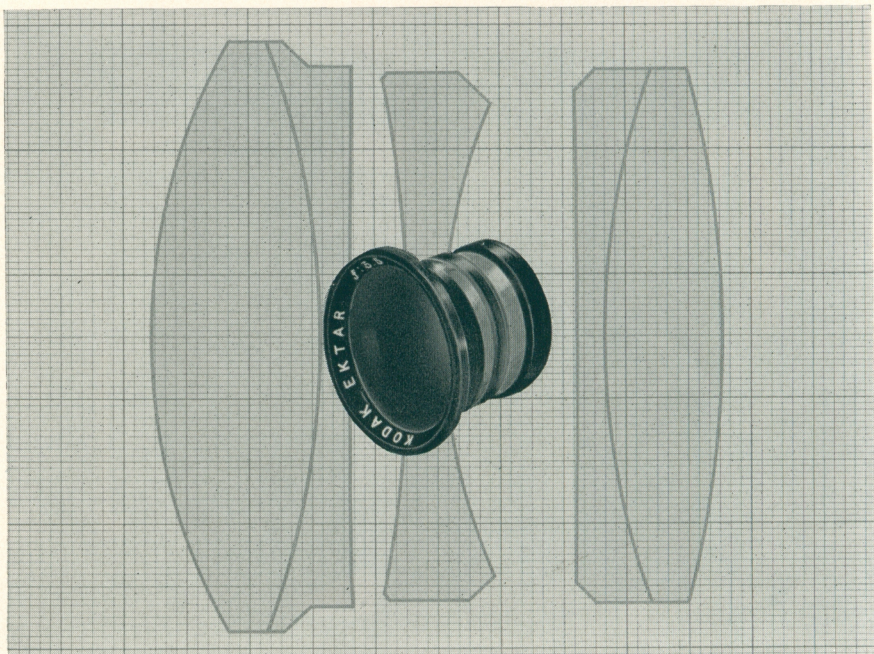
*A great many photographers want to be able to choose from a wide variety of emulsions . . .*



THE basic Medalist with its roll film back uses the 620 size of Kodak Plus-X Film for general all-round panchromatic picture taking; Kodak Super-XX for extreme speed; Kodak Panatomic-X for extremely fine grain; Kodak Verichrome for orthochromatic results, and Kodak Infrared for dramatic effects. With its accessory back and proper holder or adapter, it takes 6.5 x 9-cm. (and 2 1/4 x 3 1/4-inch) sheet films—Eastman Super Panchro-Press for high speed and rapid developing; Eastman Tri-X for highest speed; Eastman Super Ortho Press, a high speed ortho film, and 23 other sheet films, including Professional Kodachrome . . . six Kodak Films available in packs . . . and more than 150 Eastman plates, including the differentially color-sensitized spectroscopic emulsions.



*Contemporary, critical photography requires a fast, highly corrected lens . . .*

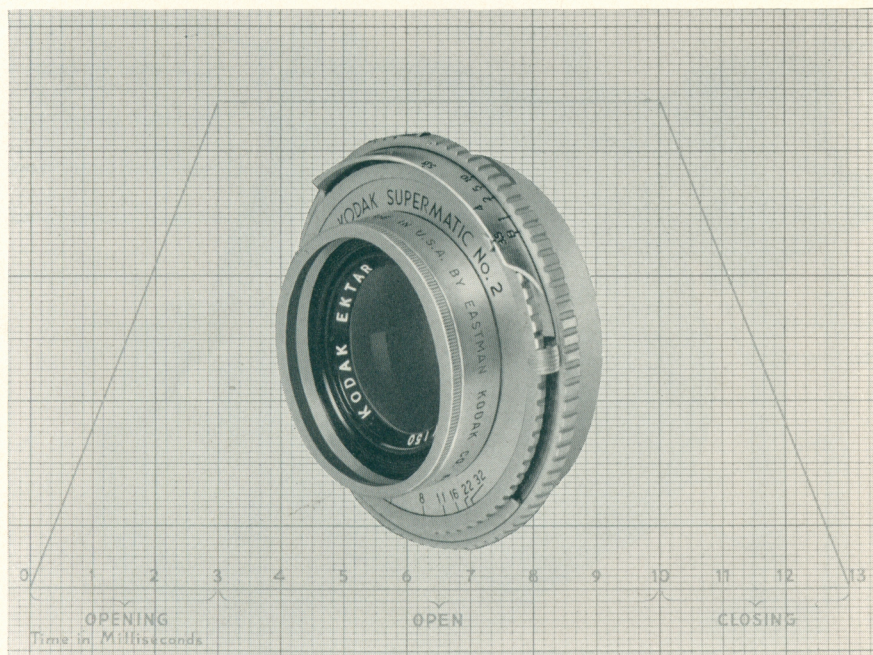


KODAK MEDALIST'S 100-mm.  $f/3.5$  Kodak Ektar lens more than meets these specifications—it is, unreservedly, the finest lens ever available in the  $2\frac{1}{4} \times 3\frac{1}{4}$  field. It consists of five elements (shown in the background) . . . like all Ektars, it is focused as a unit . . . and its formula is a new one computed especially for the Medalist. All interior glass-air surfaces are treated, which, together with special mount and shutter surfaces, reduces inter-surface reflections to a minimum and produces negatives with more brilliant contrast—full color Kodachrome transparencies with greater color purity. Its technical characteristics include an angle of coverage of 54 degrees . . . flat field . . . greatly improved color correction longitudinally and exact register laterally . . . no measurable coma or linear distortion . . . exceptional light transmission . . . and superior definition.

Its new formula, based on new glasses and latest knowledge . . . its surface treatment . . . and the critically tested assembling of the lens elements in the precision mounts . . . all contribute to the unmatched performance of Kodak Medalist's great lens.



*And the lens should be controlled by an accurate, high-speed shutter...*

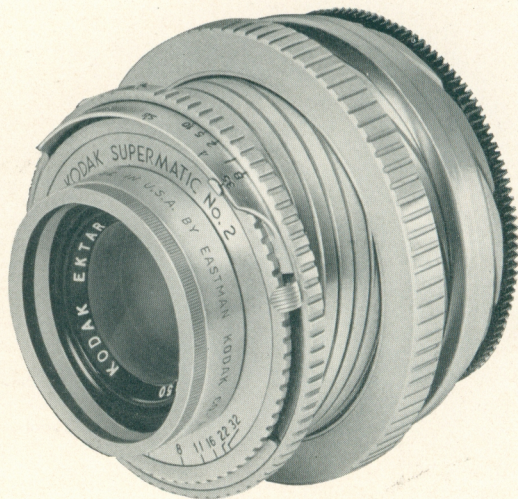


KODAK MEDALIST'S shutter is a special model of Kodak Supermatic No. 2, the world's most accurate between-the-lens shutter—shown above against a performance chart. It is of the gear-train retard, presetting type, with blades of special thin, low-inertia spring steel; base plate and all gears of nickel silver or stainless steel. It has eight apertures from  $f/32$  to  $f/3.5$  . . . nine speeds from 1 to  $1/400$  second, plus bulb . . . time exposures are made with special locking lever on plunger release, or by using a TBI cable release. It has built-in delayed-exposure mechanism, and cable release socket for remote control and Photoflash synchronization. Aperture and shutter scales are easily visible from the operating position—shutter speed scale is divided with separate indicators for high and low speeds.

Rigidly tested for both the sizes of its apertures and its speeds, the Kodak Supermatic shutter is dependably accurate throughout its range of exposures, and under extreme operating conditions. Kodak Medalist's  $f/3.5$  Kodak Ektar lens and this Kodak Supermatic No. 2 shutter represent the world's finest lens-in-shutter combination.



*Precision photography demands an accurate positional relation between lens and film . . .*

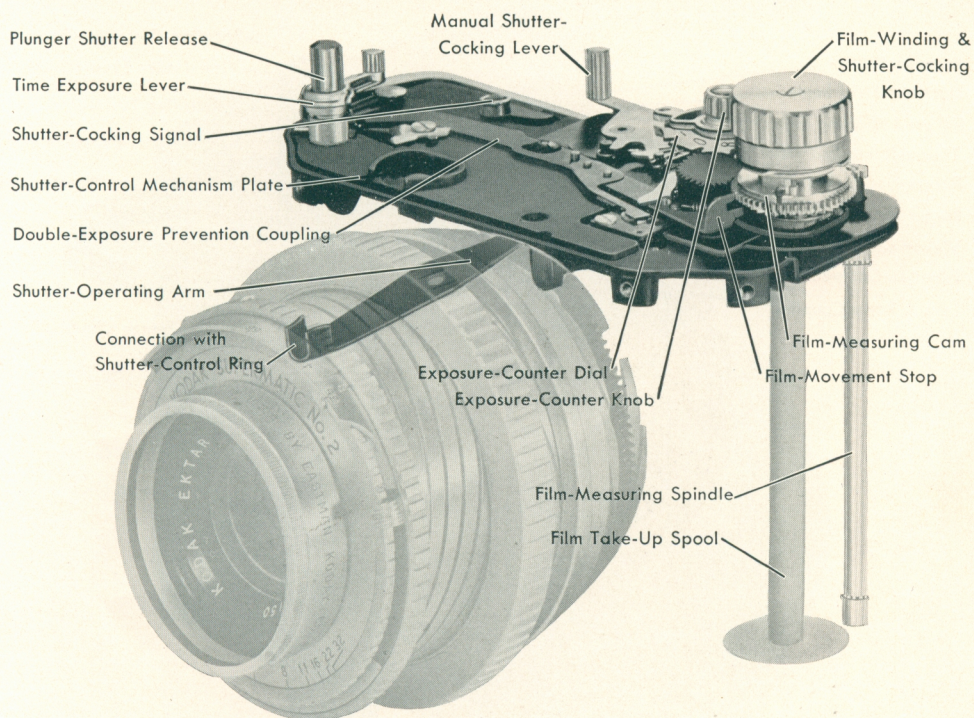


FOR critical focus, the distance between lens and film plane must be accurately determined and maintained; for critical definition throughout the negative, the focal plane of the lens and the plane of the film must exactly coincide when the lens is in focus. Kodak Medalist's radically new lens support meets these requirements and is an important advance in precision camera design. Instead of the bed and bellows of the conventional larger-negative camera, the Medalist has two helically interthreaded tubular members, tooled to extremely low tolerance, which support the lens—at any position—with over thirty inches of metal-to-metal bearing. The lens is extended and retracted by the focusing ring, or the microfocusing knob—always on axis . . . parallel with the film plane . . . without twisting or turning.

This results in lens positioning of new accuracy and dependability . . . exact coincidence between focal and film planes . . . and makes possible the direct cam-and-lever coupled mechanisms described on the following pages.



*Couplings between film advance and shutter have demonstrated their value...*



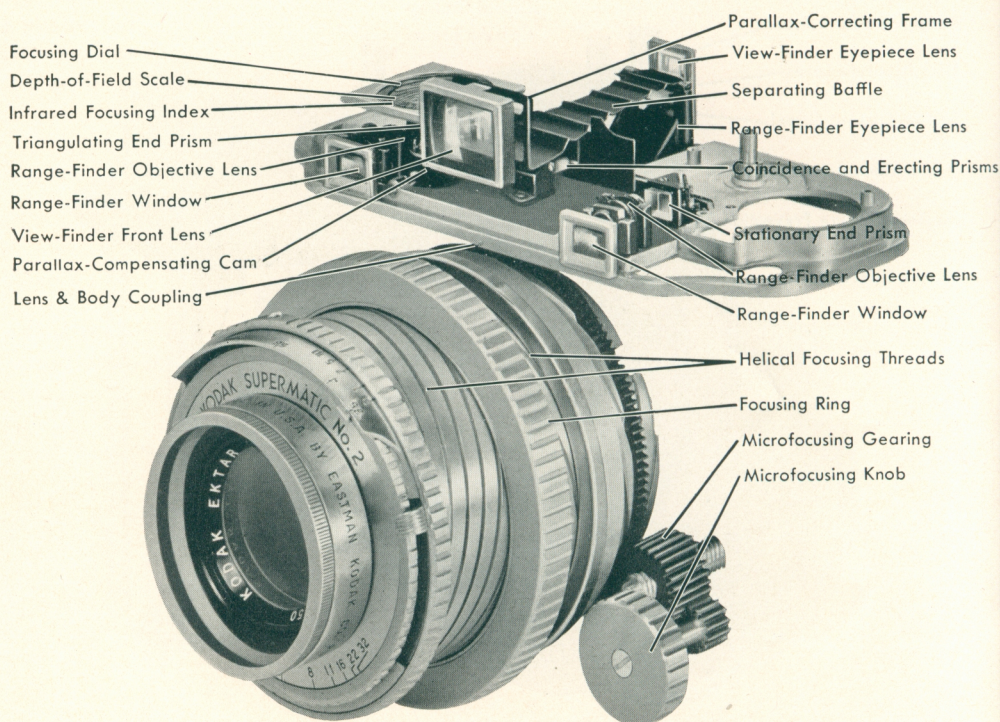
KODAK MEDALIST'S shutter is connected by a single arm with the body controls—the film-winding knob which automatically cocks the shutter as film is advanced . . . a manual cocking lever used for the accessory back and for making intentional double exposures . . . a visible signal which shows whether the shutter is cocked . . . and a body plunger shutter release providing double-exposure prevention. The plunger has a lever for making time exposures, and is locked against accidental release when the lens is retracted.

The film-winding knob is controlled by a measuring device which automatically prevents further winding after the proper length of film has been advanced. Exposures are automatically counted and shown on an indicator.

These positive couplings were made possible by the fixed relative position of Kodak Medalist's shutter and body—they are a convenience in operation . . . permit pictures in rapid succession . . . and allow the Medalist user to concentrate upon his subject.



*Modern photography requires quick, accurate field and focus determination . . .*

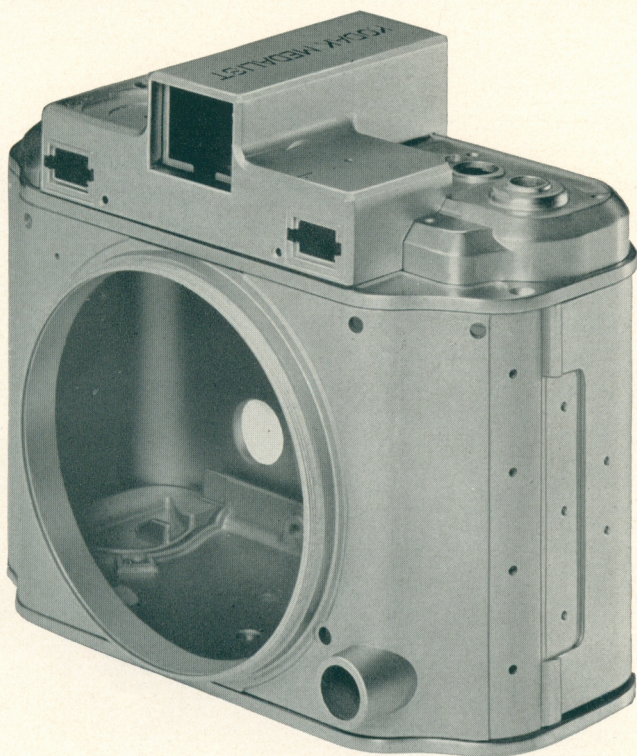


THE special lens support of Kodak Medalist makes possible positive cam-and-lever couplings of the lens with a split-field, military-type range finder . . . with a focusing scale, indexed for visible and infrared light, and coupled with a depth-of-field scale . . . and with the vertical parallax-correction of the view finder. (This finder is centered above the lens—there is no horizontal displacement.) Finders and scales are also accurate with the accessory back—the difference in film planes is automatically compensated. The rear elements of both range and view systems are brought together in a twin eyepiece. A shift in the angle of vision—without moving the eye—shows both field and range-finder images.

Both systems are exceptionally accurate and contribute importantly to the Medalist's precision and ease of operation. For direct focusing and viewing, on tripod or stand, the accessory sheet film back has a hooded ground-glass panel with magnifier.



*Lens mount, couplings, precision, and rigidity dictated a new construction . . .*



THE construction of Kodak Medalist represents another basic departure in  $2\frac{1}{4} \times 3\frac{1}{4}$  camera design. The absence of the usual bellows and bellows opening and, instead, the necessity of positive connection of the lens mount and camera proper . . . the type and number of its couplings . . . the compactness desired in the camera . . . and the over-all rigidity, durability, and precision required, were all determining factors.

The result, shown here stripped of all parts, is composed entirely of interlocking, light-trapped die-castings of special alloys. Some of these castings provide bases for the various mechanisms—others provide exceptionally sturdy housings and protection. One casting, for example, acts as part of the film track and is also the base plate for the focusing and shutter couplings. This unique construction—with no wood, sheet metal, or unsupported parts—contributes importantly to the operation and accuracy of Kodak Medalist.



# *Kodak Medalist — Your Next Camera?*

HERE IS KODAK MEDALIST, complete—a new kind of  $2\frac{1}{4} \times 3\frac{1}{4}$  camera—with built-in roll film convenience, and instant adaptability for film packs, sheet film, and plates. It gives you the finest lens ever available in the field, in the world's most accurate between-the-lens shutter . . . with a new construction which provides precise lens positioning, and makes possible new couplings between lens and body controls—and shutter and film system . . . all housed in a sturdy die-cast case.

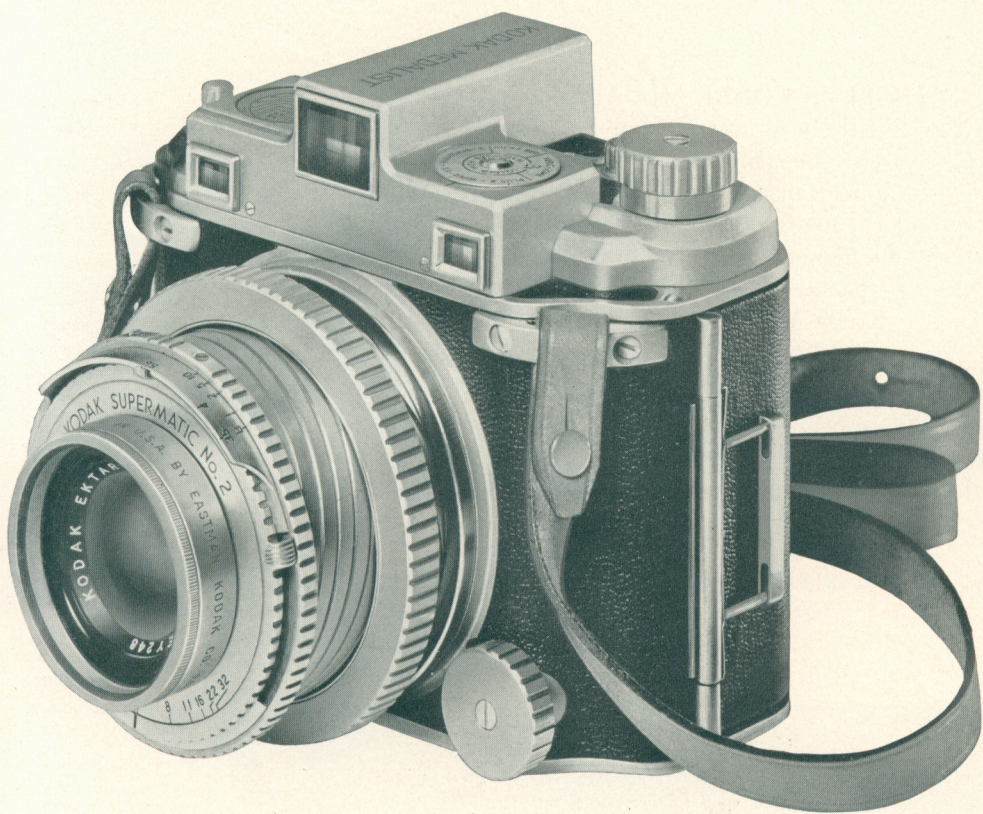
Kodak Medalist will be interesting to almost everyone seriously engaged in photography—simply as an important new camera achievement, providing all these features for the first time. Its principal interest to you, however, is whether it is to be your next camera . . .

First, visualize yourself with a Medalist—loading it with your “pet” film, or with all the different negative materials you can use with its accessory back. Using it to make the pictures you want—the kinds of pictures possible with an  $f/3.5$  lens and  $1/400$ -second shutter . . . pictures with unequalled brilliance, definition, contrast, and general quality. Using it, with its accessory back, as a sheet film or film pack camera with built-in accurate range- and view-finding equipment . . . or with the ground-glass panel and back extension units on tripod or stand . . . and, with a lamp-house and stand, as an enlarger for its negatives.

Next, you will of course want to see the camera itself at your dealer's. When you do, hold it in picture-taking position . . . “rack” the lens in and out—you will immediately sense the Medalist's balance and “feel,” characteristic of all really fine precision instruments. Look through its twin eyepiece at the brilliant parallax-corrected field, and its magnified split range-finder images . . . advance the film, which stops automatically, cocks the shutter, and records the exposure, and you will appreciate its simplicity in operation. In its couplings between lens and finders—and between film and shutter—and in its over-all handling, Kodak Medalist has the quick, accurate operating ease of a fine miniature.

While you are at your dealer's, be sure to examine specimens of the Medalist's results—and compare them with usual prints and enlargements. Several Kodak Medalist pictures are illustrated in this booklet—to indicate the types of pictures possible with it—but only originals can show you their unexcelled quality.



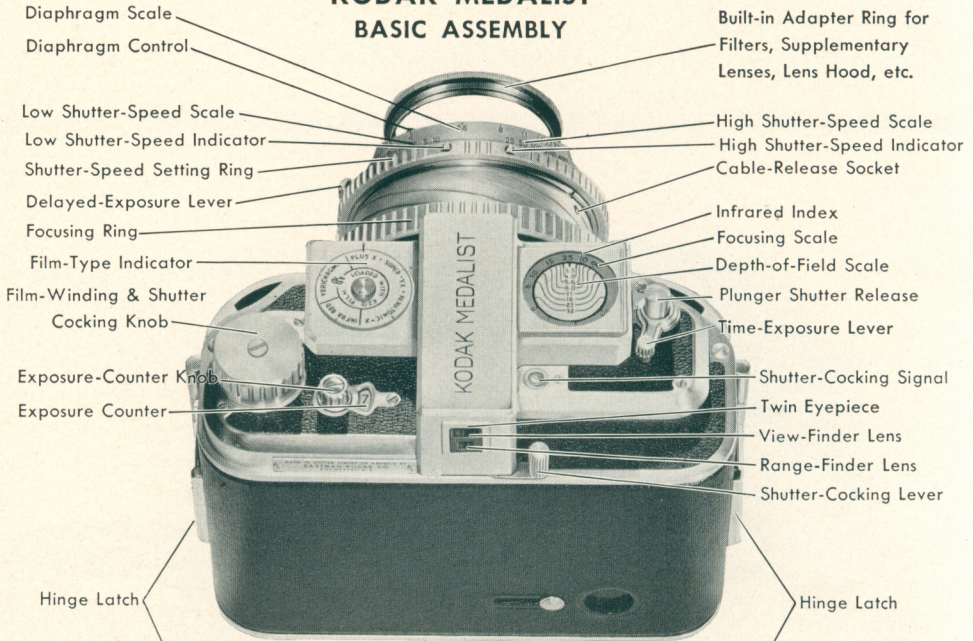


Then, after you have handled the camera—and inspected some of its results—consider Kodak Medalist as your next camera. The answer depends entirely upon your present and planned picture taking. If your own needs are modest, some other camera may be all you want. But if you want  $2\frac{1}{4} \times 3\frac{1}{4}$  pictures, on a variety of emulsions, with first-quality results, and made with utmost convenience and precision, there is, literally, no other answer but Kodak Medalist.

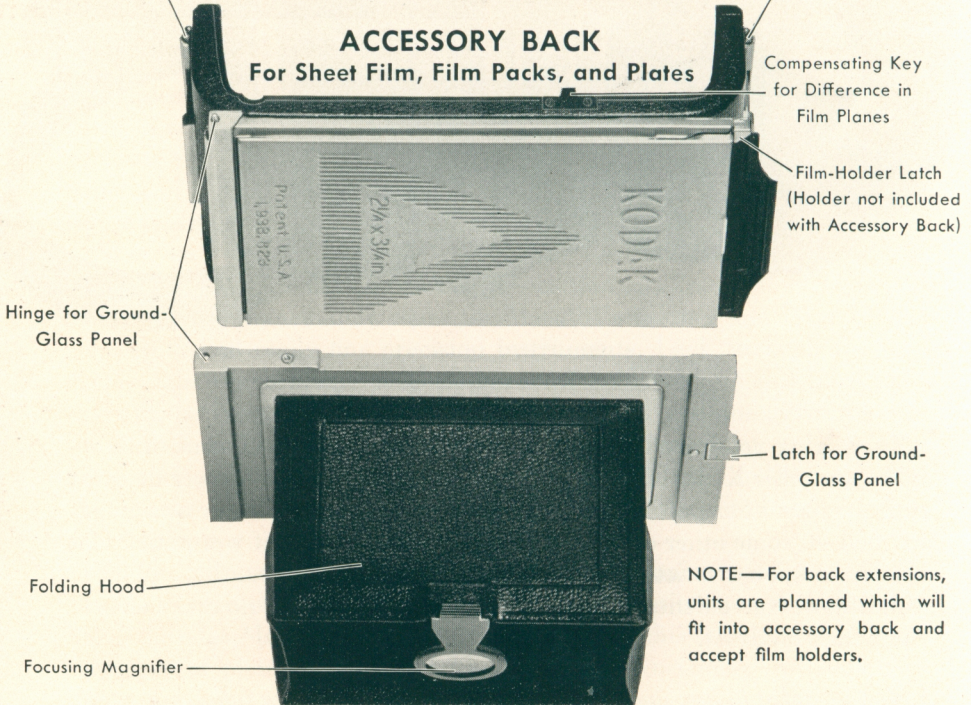
*Kodak Medalist in use, and typical results, are shown on the following pages.*



## KODAK MEDALIST BASIC ASSEMBLY



## ACCESSORY BACK For Sheet Film, Film Packs, and Plates



NOTE—For back extensions, units are planned which will fit into accessory back and accept film holders.

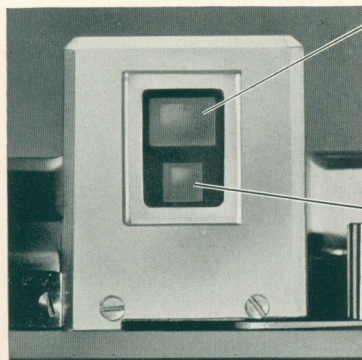
## GROUND-GLASS PANEL (Included with Accessory Back)





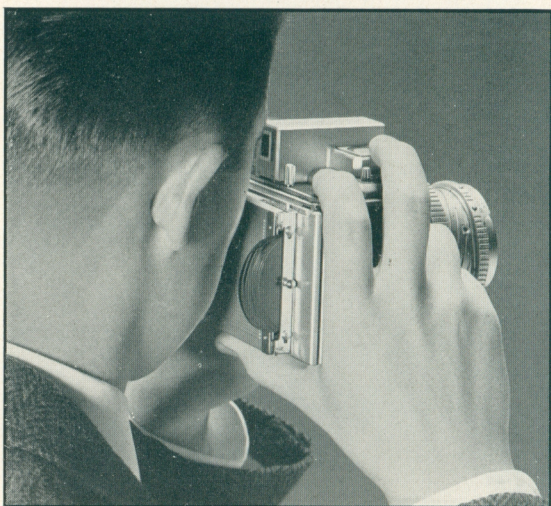
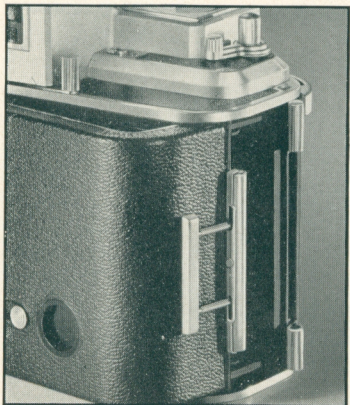
Kodak Medalist is operated like a precision miniature. You hold and focus it with the left hand . . . check composition and focus through the twin view- and range-finder eyepiece (see below). The right hand advances roll film, automatically cocking the shutter (or changes film holders, pulls film-pack tabs, and cocks the shutter with the rear lever) . . . then operates the body plunger release.

Below: the twin eyepiece framing the rear lenses of both range- and view-finder systems. The large rectangle (right) represents the field as seen in the view finder . . . the central area, indicated here by the white outline, is magnified in the split-field range finder (as illustrated below) for critical work.





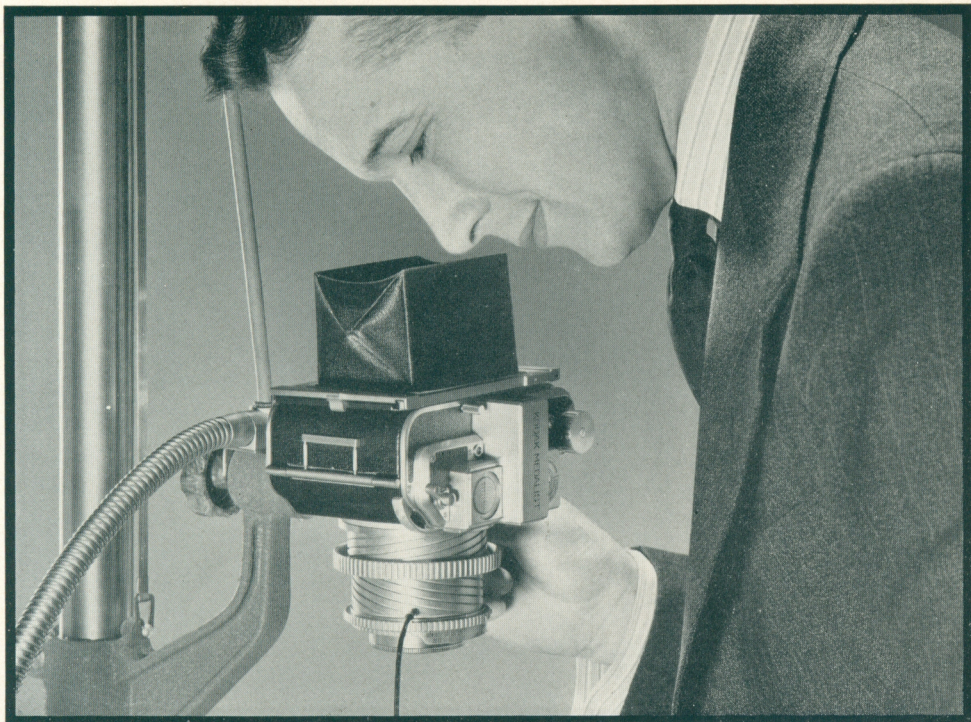
Below: the unique hinge latch with which Kodak Medalist's standard back may be swung open at either end for loading or unloading roll film, or removed, and replaced with the Accessory Back for Sheet Film, Film Packs, and Plates.



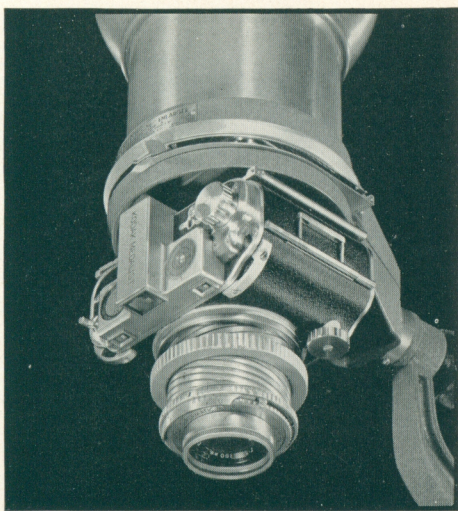
The Accessory Back, shown above with film pack and adapter, also accepts film and plate holders . . . and planned extension units for positioning film at greater distances from lens. Below: Kodak Medalist, with Accessory Back and ground-glass panel, as used on tripod—with microfocusing knob for positive focusing.



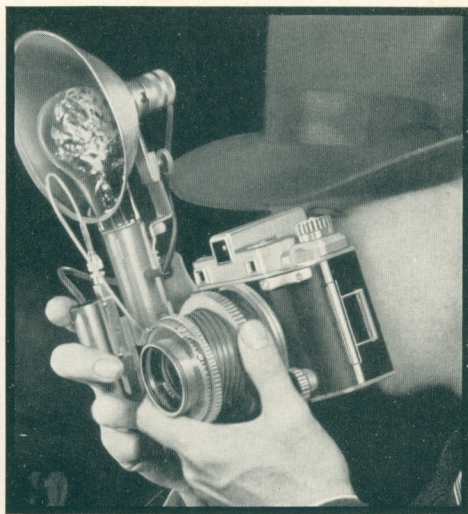




With Kodak Precision Enlarger Stand Assembly and Copying Lights, Kodak Medalist with its Accessory Back becomes a copying camera. Planned back-extension units may be used singly or in combination, for various magnifications.



With Kodak Precision Enlarger Stand Assembly, Condenser Head A, and Camera Adapter A which fits into the Accessory Back, Kodak Medalist becomes a capable enlarger for its negatives.



Kodak Medalist's Supermatic Shutter has a Cable Release Socket accepting the Kodak Senior Synchronizer, Kodak Junior Synchronizer, or TBI No. 2 Cable Release for remote control.





PICTORIAL



## MEDALIST PHOTOGRAPHY

WITH Kodak Medalist's unequaled  $f/3.5$  Ektar lens, and 1/400-second Kodak Supermatic shutter, you can make the kinds of pictures you want.

The scope of the Medalist can only be indicated by the representative results reproduced here . . . the quality of its results can be evaluated only by examination of original Kodak Medalist prints at your dealer's.



SMALL CREAMER  
London circa 1760  
Bailey Collection

## RECORD



## FLASH





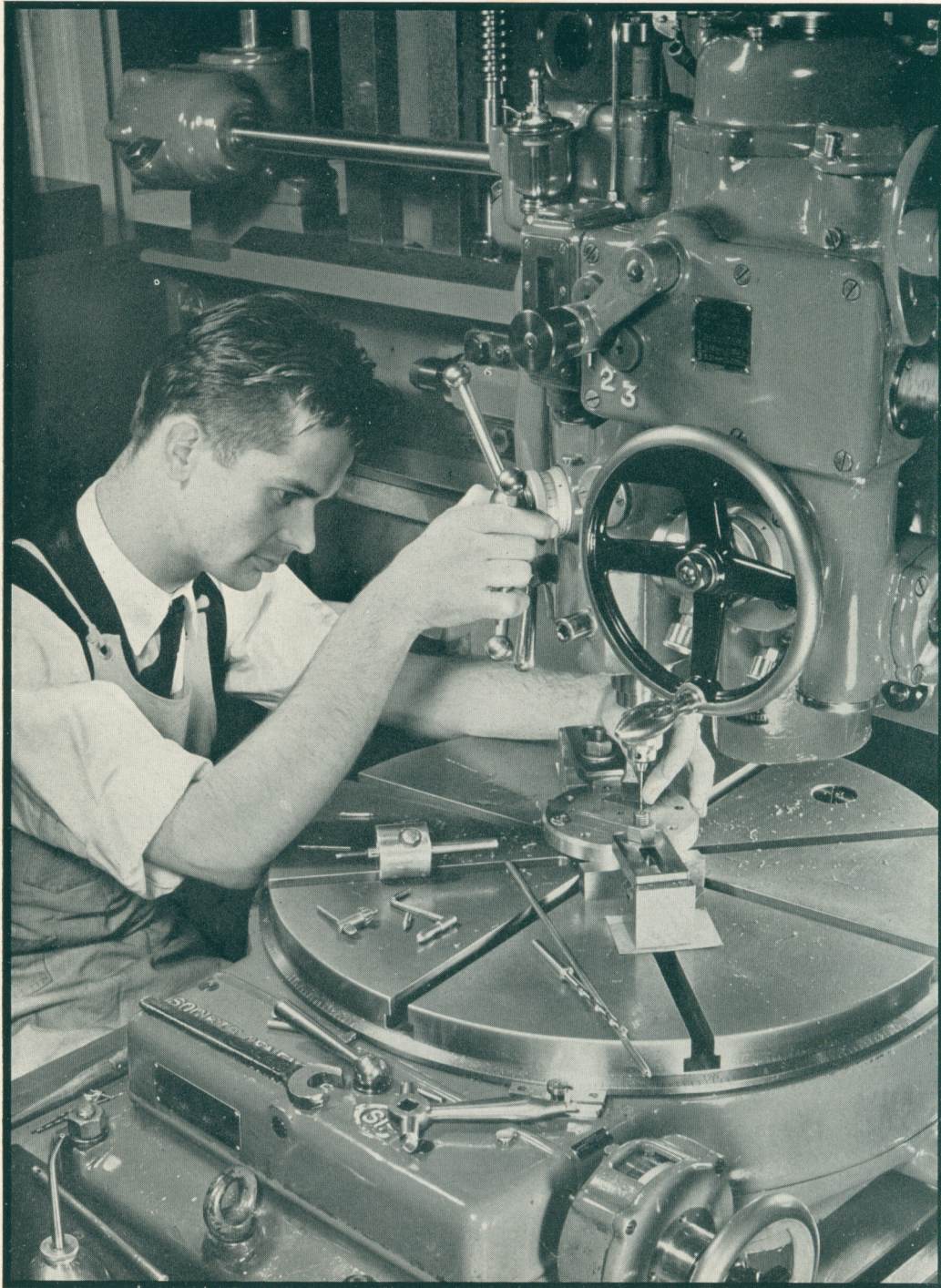
PICTORIAL





STILL LIFE





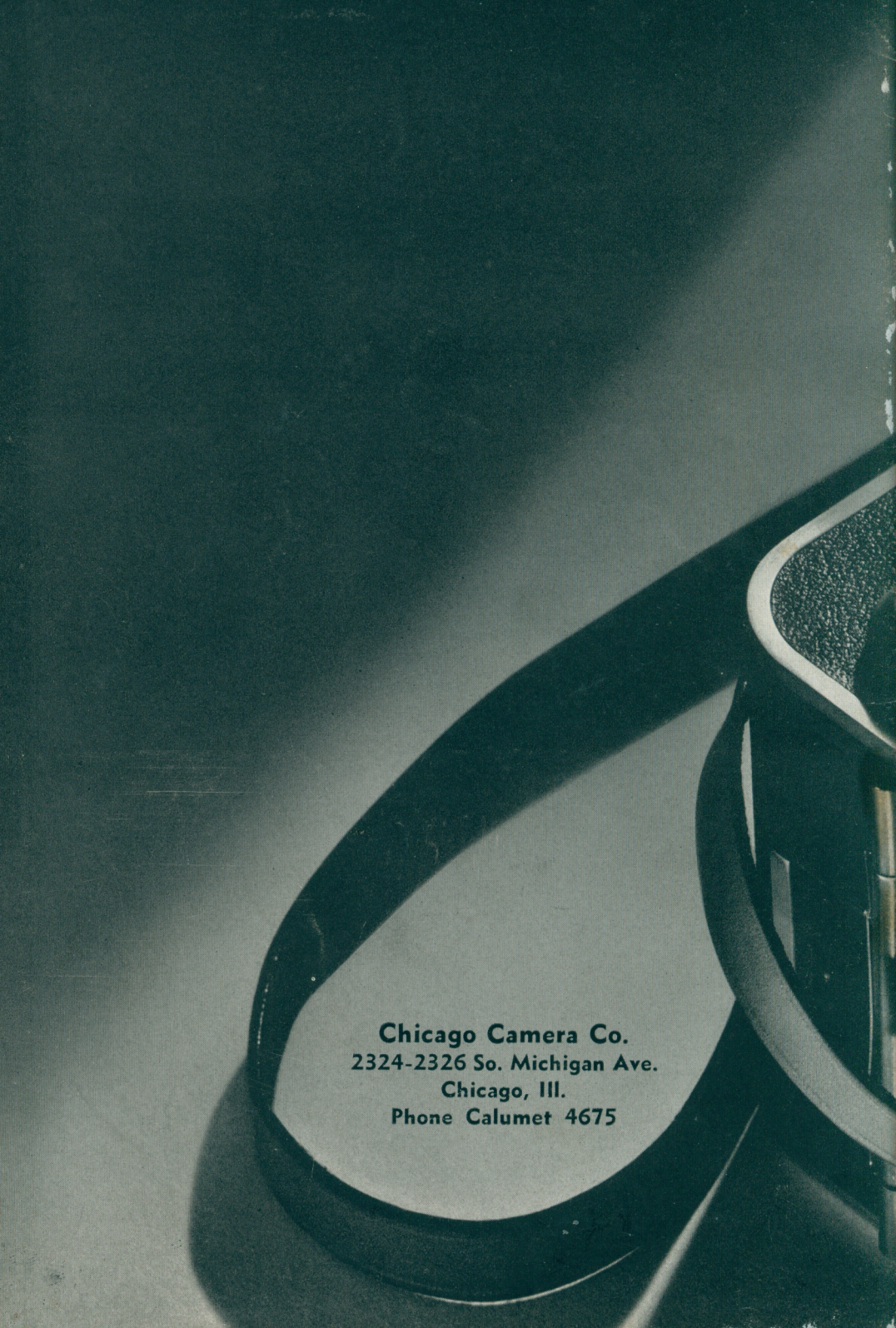
INDUSTRIAL





**INFORMAL PORTRAIT**





**Chicago Camera Co.**  
2324-2326 So. Michigan Ave.  
Chicago, Ill.  
Phone Calumet 4675



# PRICE LIST

## KODAK MEDALIST

With 100-mm. Kodak Ektar  $f/3.5$  lens and  $1/400$  Kodak Supermatic No. 2 shutter, Neck Strap, Adapter Ring Insert, and Lens Cap . . . . . \$165.00

## ACCESSORIES

Accessory Back for Sheet Film, Film Packs, and Plates, including Ground Glass Focusing Screen and T.B.I. Cable Release No. 2 . . . . .	18.50
Tan Leather Field Case, with Neck Strap . . . . .	12.50
Kodak Combination Film and Plate Holders, $2\frac{1}{4} \times 3\frac{1}{4}$ in. or $6.5 \times 9$ cm., each . . . . .	1.50
Kodak Film Pack Adapter, $2\frac{1}{4} \times 3\frac{1}{4}$ in. . . . .	4.75
35-mm. Kodachrome Adapter A, or Bantam Kodachrome Adapter A . . . . .	23.50
Kodak Junior Synchronizer (without lamp or batteries) . . . . .	6.75
Kodak Senior Synchronizer (without lamp or batteries) . . . . .	16.50
Kodak Precision Enlarger Stand Assembly . . . . .	25.00
Kodak Precision Enlarger Copying Lights (without lamps) . . . . .	10.00
Kodak Precision Enlarger Condenser Head A (with No. 4 Condenser A, No. 212 Mazda Photo Enlarger lamp, one Glassless Negative Carrier A) . . . . .	22.50
Camera Adapter A for Kodak Precision Enlarger . . . . .	10.00
Kodak Combination Lens Attachments, Series VI (fit Adapter Ring Insert on Kodak Medalist)	

FILTERS—(For complete list, see *Price List of Filters for Photographic and Scientific Purposes*)

Wratten K2 (Yellow), A (Red), B (Green), C5 (Blue), G (Deep Yellow), X-1 (Light Green), X-2 (Green)	
Filters, unmounted, each . . . . .	1.75
Kodachrome Haze Filter, unmounted . . . . .	1.75
Kodachrome Filter for Photoflood, unmounted . . . . .	1.75
Type A, Type B Kodachrome Filters, unmounted, each . . . . .	1.75