KODAK

MEDALIST II

CAMERA

KODAK MEDALIST II CAMERA

THE Kodak Medalist II Camera has proved to be a superb answer to the desire of many photographers for a precision camera of multi-purpose ability. More and more it is fulfilling the requirements of the most critical workers—news, commercial, and scientific photographers . . . advanced amateurs and pictorialists . . . and enthusiasts, generally, who insist on the finest equipment available.

A radical departure in design, the Kodak Medalist II, unlike any other 2¼ x 3¼ camera, combines in one compact, integrated assembly the roll-film convenience and portability of the popular amateur camera . . . the easy adaptability to close-up extensions, ground-glass focusing, and negative-material range of a press or view camera . . . the scope, accuracy, and operating refinements of a precision miniature . . . and a lens-in-shutter combination of unsurpassed performance.

If your own interest in photography requires unapproached negative quality and unequaled accuracy and convenience—you will undoubtedly choose the Kodak Medalist II as your next camera.

The following pages describe its features in detail . . . show the camera in use . . . indicate its accessories . . . and reproduce typical results in color and black-and-white.

Eastman Kodak Company
Rochester 4, N. Y.

USS AMERICA
From a Kodak Ektachrome transparency by Medalist II Camera

NEGATIVE 2¼ x 3¼—*most popular size common to professional and amateur photography*

THE 2¼ x 3¼ 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.

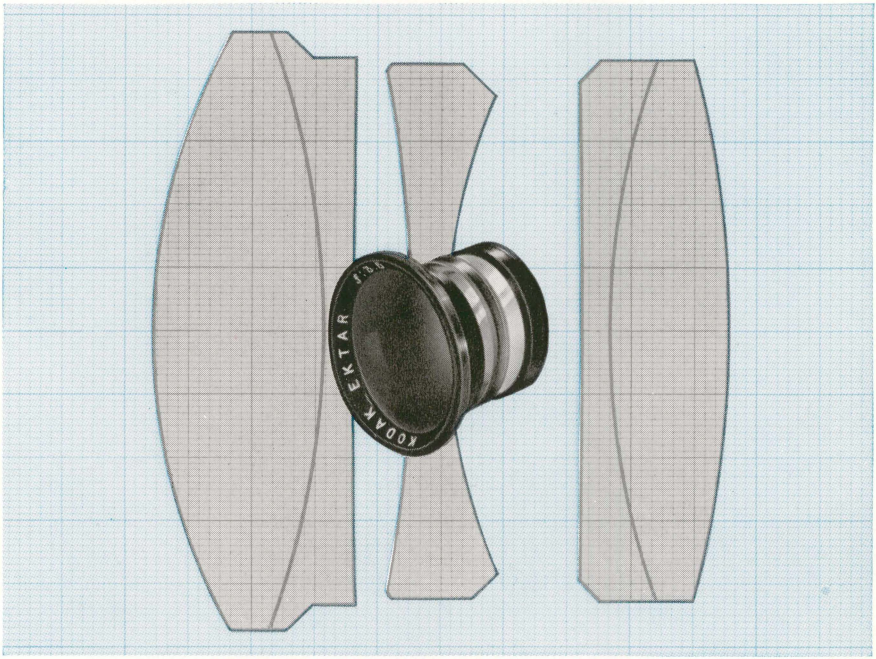
This particular shape is popular because its proportion, approximately the ideal dimensional relation of classic composition, is generally pleasing in both horizontal and vertical pictures. Kodak Medalist II Camera produces 2¼ x 3¼ negatives on 620 roll film; with accessory back, on 520 film packs, and 6.5 x 9cm. and 2¼ x 3¼-inch sheet films and plates.

VARIETY OF EMULSIONS—

roll films, packs, sheets, and plates . . . color and black-and-white . . .

THE basic Medalist II Camera with its roll-film back uses Kodak Plus-X Film (620) for general all-round panchromatic picture taking; Kodak Super-XX for extreme speed; Kodak Verichrome for orthochromatic results; Kodacolor Film for beautiful full-color prints on paper, and Kodak Infrared for dramatic effects. With its Accessory Back and the proper holder or adapter, it takes 6.5 x 9cm. and 2¼ x 3¼-inch sheet films—Kodak Super Panchro-Press, Type B, for high speed and rapid developing; Kodak Super Panchro-Press, Sports Type, the newest and fastest sheet film made, about double the speed of Type B; Kodak Tri-X, which combines extreme speed with long scale and moderate contrast; Kodak Super Ortho Press, a high-speed ortho film; and 24 other types of sheet films, including Kodachrome Professional and Ektachrome, Kodak's new color film which the user processes himself . . . five Kodak Films available in packs . . . and a wide variety of 6.5 x 9cm. and 2¼ x 3¼-inch Kodak plates.

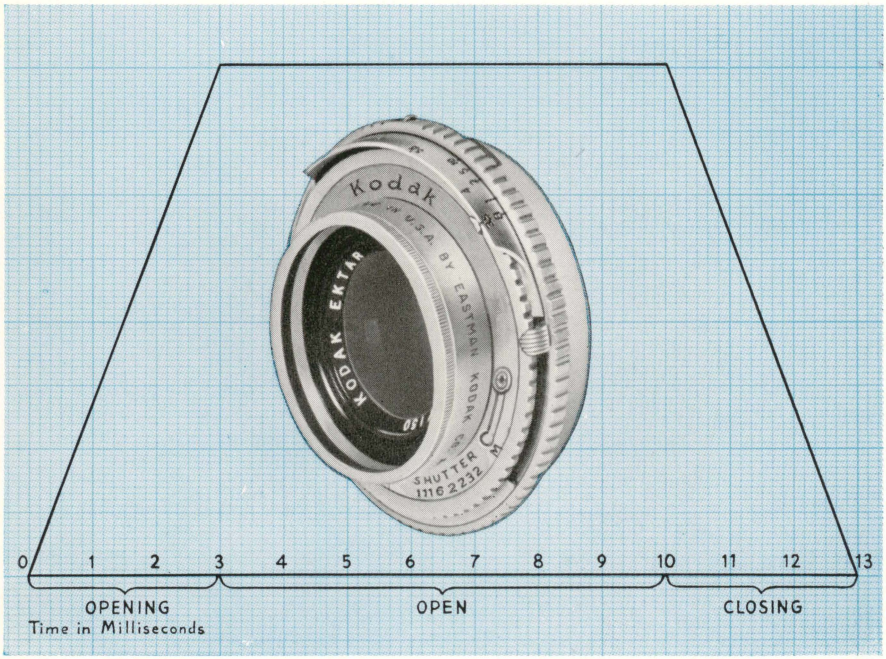
LENS—*Kodak Ektar f/3.5, Lumenized, unapproached in correction for definition and color...*



KODAK MEDALIST II'S 100mm. Kodak Ektar *f*/3.5 Lens is, unreservedly, the finest lens ever available in the 2¼ x 3¼ field. It consists of five elements (shown in the background) . . . like all Ektar Lenses, it is focused as a unit . . . and its formula was computed especially for the Medalist Camera. All glass-air surfaces are *Lumenized* (hard-coated), which, together with special mount and shutter surfaces, reduces reflections to a minimum and produces negatives with more brilliant contrast—Kodak Ektachrome and 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 formula, employing rare-element Kodak glass and latest knowledge of optics . . . its *Lumenizing* . . . and the critically tested assembling of the lens elements in the precision mounts . . . all contribute to the unmatched performance of Kodak Medalist II's great lens.

SHUTTER—*Kodak Flash Supermatic 1/400, unsurpassed in accuracy, synchronized for flash...*



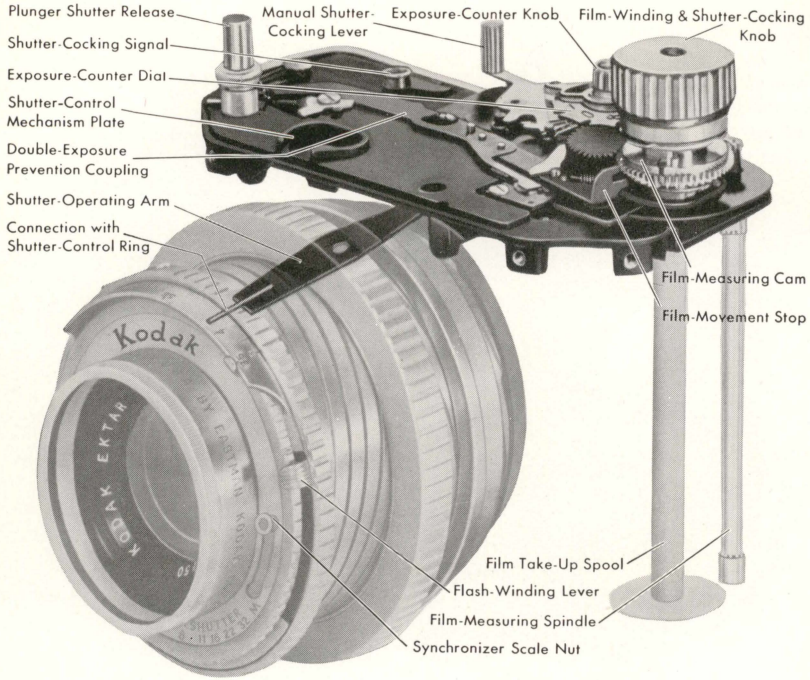
KODAK MEDALIST II'S shutter is a special model of the Kodak Flash Supermatic, the world's most accurate between-the-lens shutter—shown above against a performance chart. It is of the gear-train retard, presetting type, with blades of special thin, low-inertia spring steel; base plate and all gears of 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 by using a TBI cable release, which comes with the camera. It has built-in flash synchronization for use with Kodak Flasholder, and either class F or class M flash bulbs. The shutter also synchronizes with Kodatron Speedlamp equipment. Aperture and shutter scales are visible from the operating position. The 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 shutter is dependably accurate throughout its range of exposures. Kodak Medalist II's Kodak Ektar *f*/3.5 *Lumenized* Lens and this Kodak Flash Supermatic Shutter represent the world's finest lens-in-shutter combination.

LENS SUPPORT—*tubular design insures 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 II'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 II Camera 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—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.

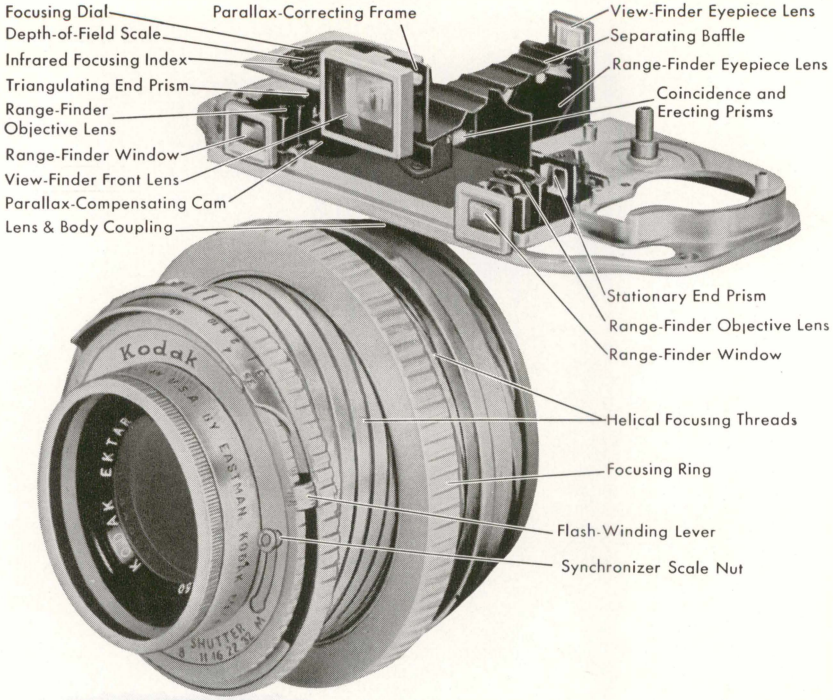


MECHANICAL SYSTEM—*interlocks between film advance and shutter make possible automatic controls...*

KODAK MEDALIST II'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 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 II's shutter and body—they are a convenience in operation . . . permit pictures in rapid succession . . . and allow the Medalist II user to concentrate upon his subject.

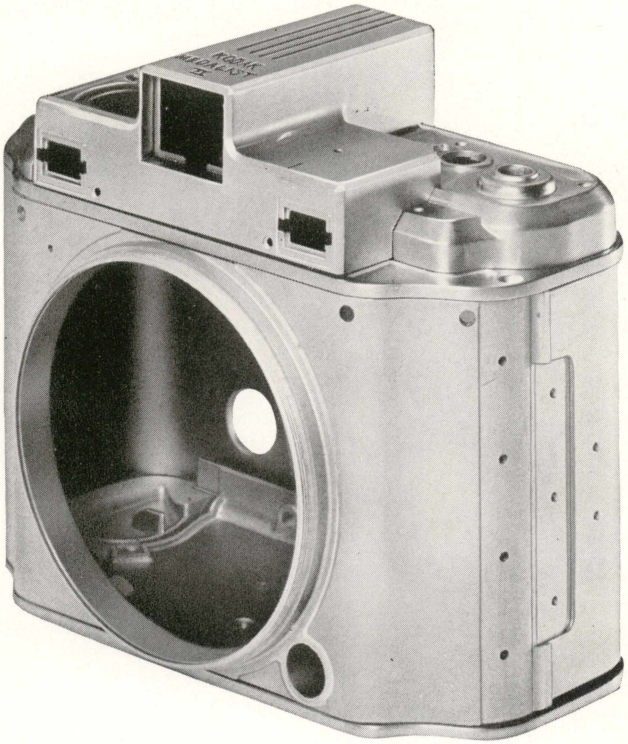


OPTICAL SYSTEM—*couplings of lens with finders provide quick, accurate focusing and framing*

THE special lens support of Kodak Medalist II Camera 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 II's precision and ease of operation. For direct focusing and viewing, on tripod or stand, the Accessory Back has a hooded ground-glass panel with magnifier.

CONSTRUCTION—*body of die-cast alloy contributes rigid housing and support for precision assemblies*



THE construction of Kodak Medalist II Camera represents another basic departure in 2¼ x 3¼ 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, are 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 II Camera.

KODAK MEDALIST II..

HERE IS THE KODAK MEDALIST II CAMERA, complete—a really different kind of 2¼ x 3¼ 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 flash shutter . . . with a 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 II Camera, like its illustrious predecessor, will be interesting to almost everyone seriously engaged in photography—simply as an important camera achievement, providing all these features. Its principal interest to you, however, is whether it is to be your next camera . . .

First, visualize yourself with a Kodak Medalist II Camera—loading it with your "pet" film, or with any of 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 unequaled brilliance, definition, contrast, and general quality. Visualize 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 special assembly, as an efficient copying camera.

Should you select the Kodak Medalist II as your next camera, real pleasure awaits you from the time you first hold it in a picture-taking position. As you "rack" the lens in and out, you will immediately sense the Medalist II's balance and "feel," characteristic of all really fine precision instruments. You will look through its twin eyepiece at the brilliant, parallax-corrected field, and its magnified split range-finder images. You will advance the film, which stops automatically, cocks the shutter, and records the exposure, and you will appreciate its simplicity of operation. In its over-all handling, the Kodak Medalist II Camera has the quick, accurate operating ease of a fine miniature.

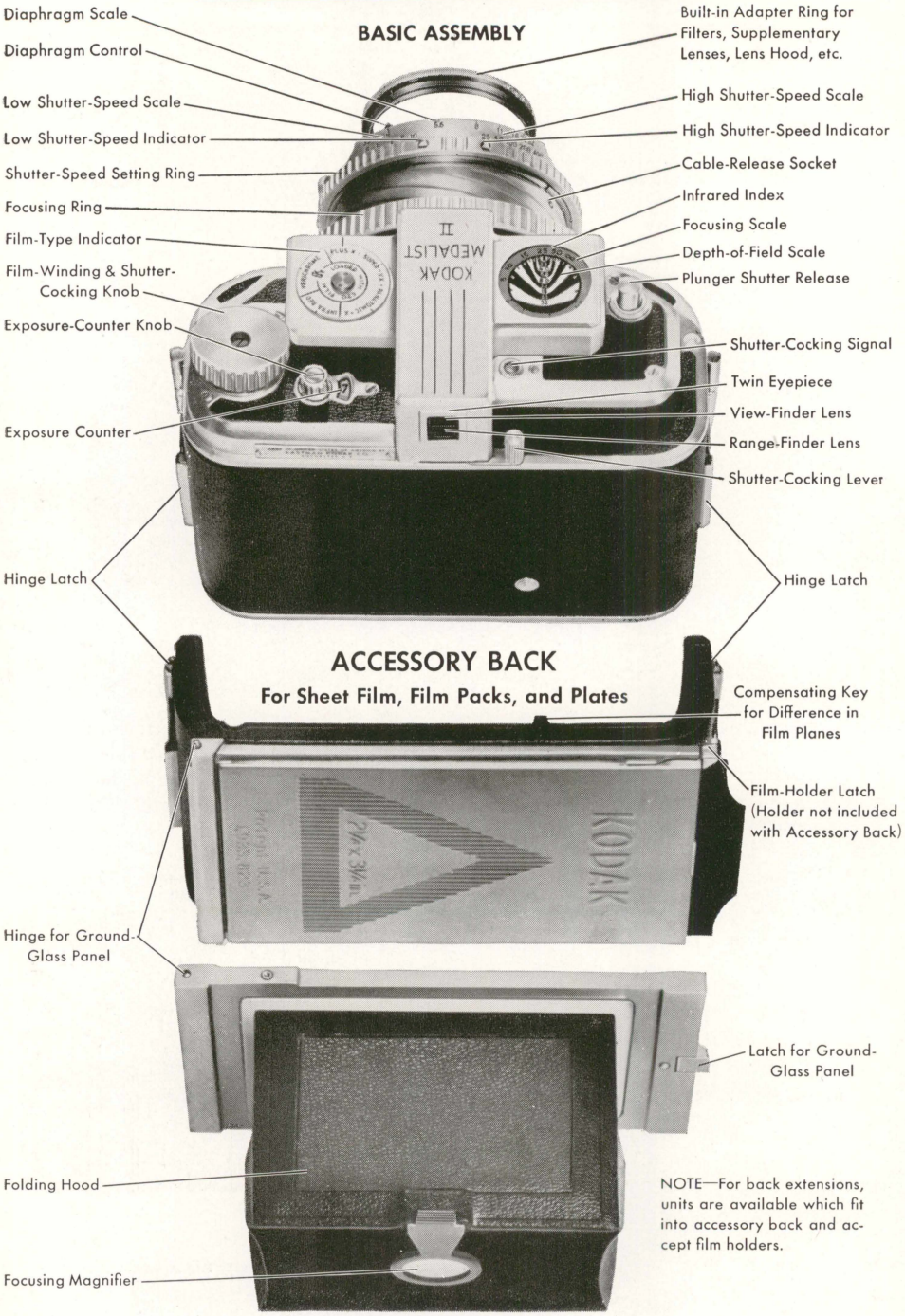
Kodak Medalist pictures, in black-and-white and color, are illustrated in this booklet—to indicate typical results obtainable with a variety of Kodak Films. However, only originals, and particularly those in color, can show you their unexcelled quality.

. . . *Your next camera?*

Consider the Kodak Medalist II 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 2¼ x 3¼ pictures, on a variety of emulsions, with first-quality results, and made with utmost convenience and precision, there is, literally, no other answer but the Kodak Medalist II Camera.

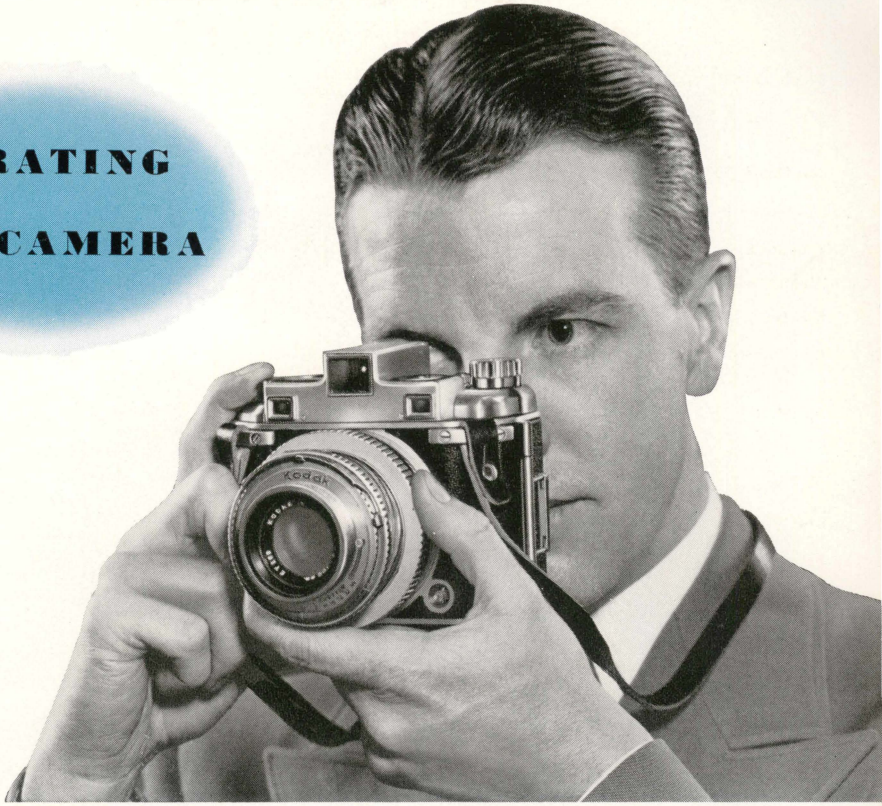
Kodak Medalist II Camera in use, its accessories, and typical results in black-and-white and color are shown on the following pages.

KODAK MEDALIST II



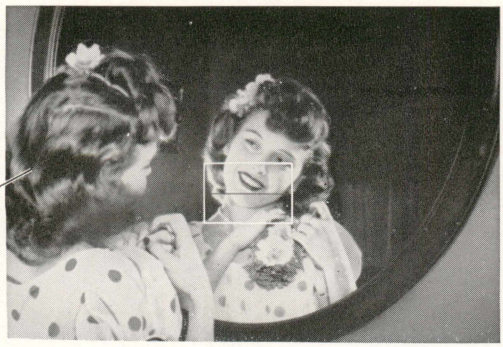
GROUND-GLASS PANEL
(Included with Accessory Back)

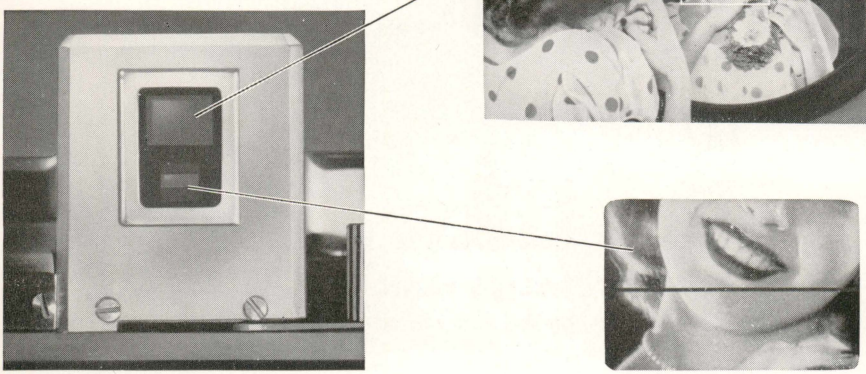
OPERATING THE CAMERA



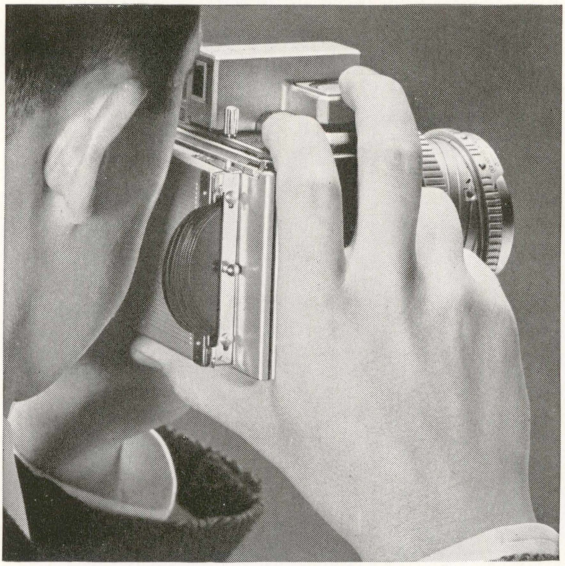
Kodak Medalist II Camera is operated like a precision miniature. You hold and focus it with the left hand . . . check composition and focus through the twin view- and range-finder eyepiece (see below). The right hand advances roll film, automatically cocking the shutter (or changes film holders, pulls 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.



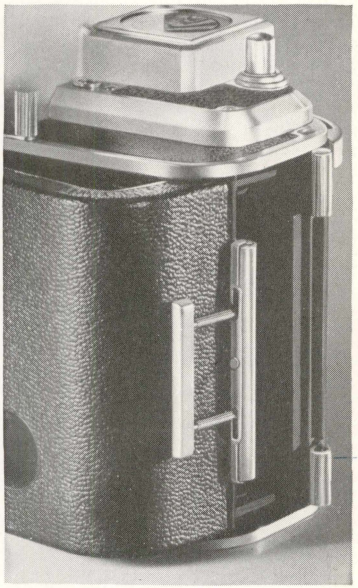


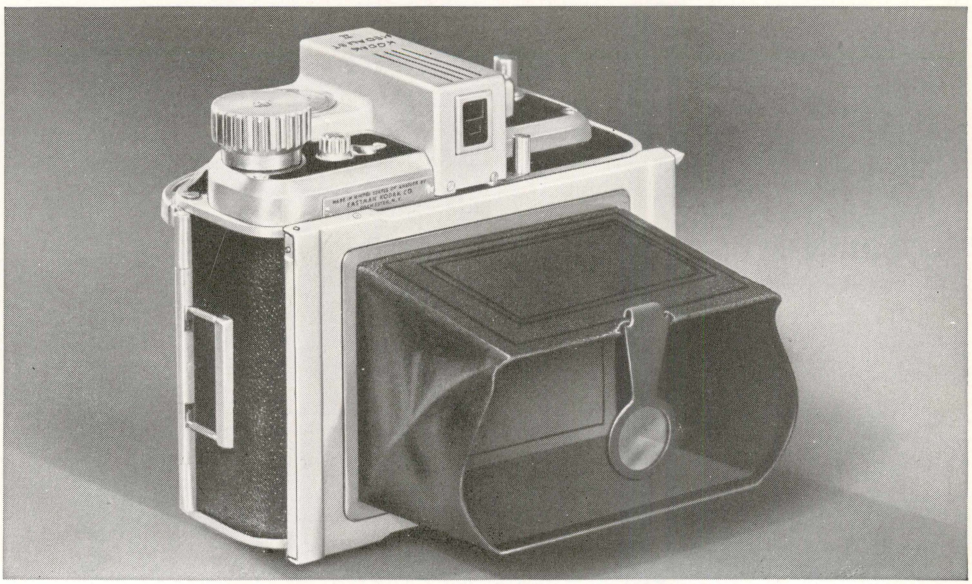
ACCESSORIES

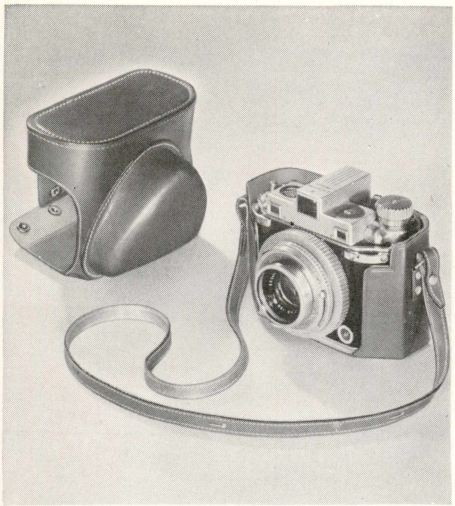


The Accessory Back, shown above with film pack and adapter, also accepts film and plate holders . . . and extension units for positioning film at greater distances from lens. Below: Kodak Medalist II Camera, with Accessory Back and ground-glass panel.

Below: the unique hinge latch with which Kodak Medalist II'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.



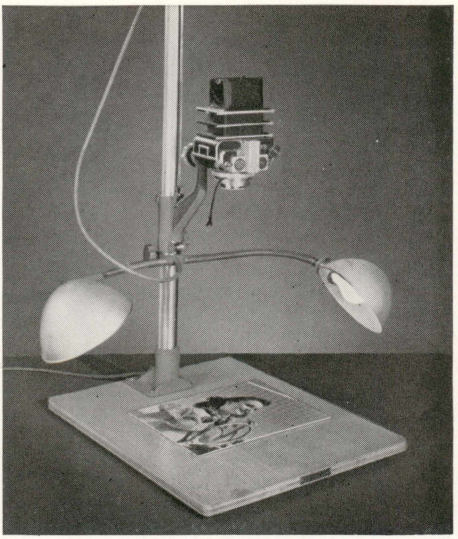




The sturdy leather field case not only protects Medalist II but permits operation of the camera without removing it from the case. Neck strap has protective plastic lining.

With Kodak Flasholder, Kodak Medalist II Camera is quickly adapted for flash. An external socket provides direct connection to the internally synchronized Flash Supermatic Shutter.

Kodak Combination Lens Attachments Series VI—filters, supplementary lenses—fit lens mount directly. Portra Lenses, used with Accessory Back, permit focusing as close as 10 inches . . . give wider angle. Telek Lenses, used with Extension Units, give telephoto effects.



With Kodak Precision Enlarger Stand Assembly and Copying Lights, Kodak Medalist II with its Accessory Back becomes a copying camera. Extension Units may be used singly or in combination, for various magnifications. With 4 units, image size is same as subject size.

PICTORIAL

From Kodak Super-XX negative

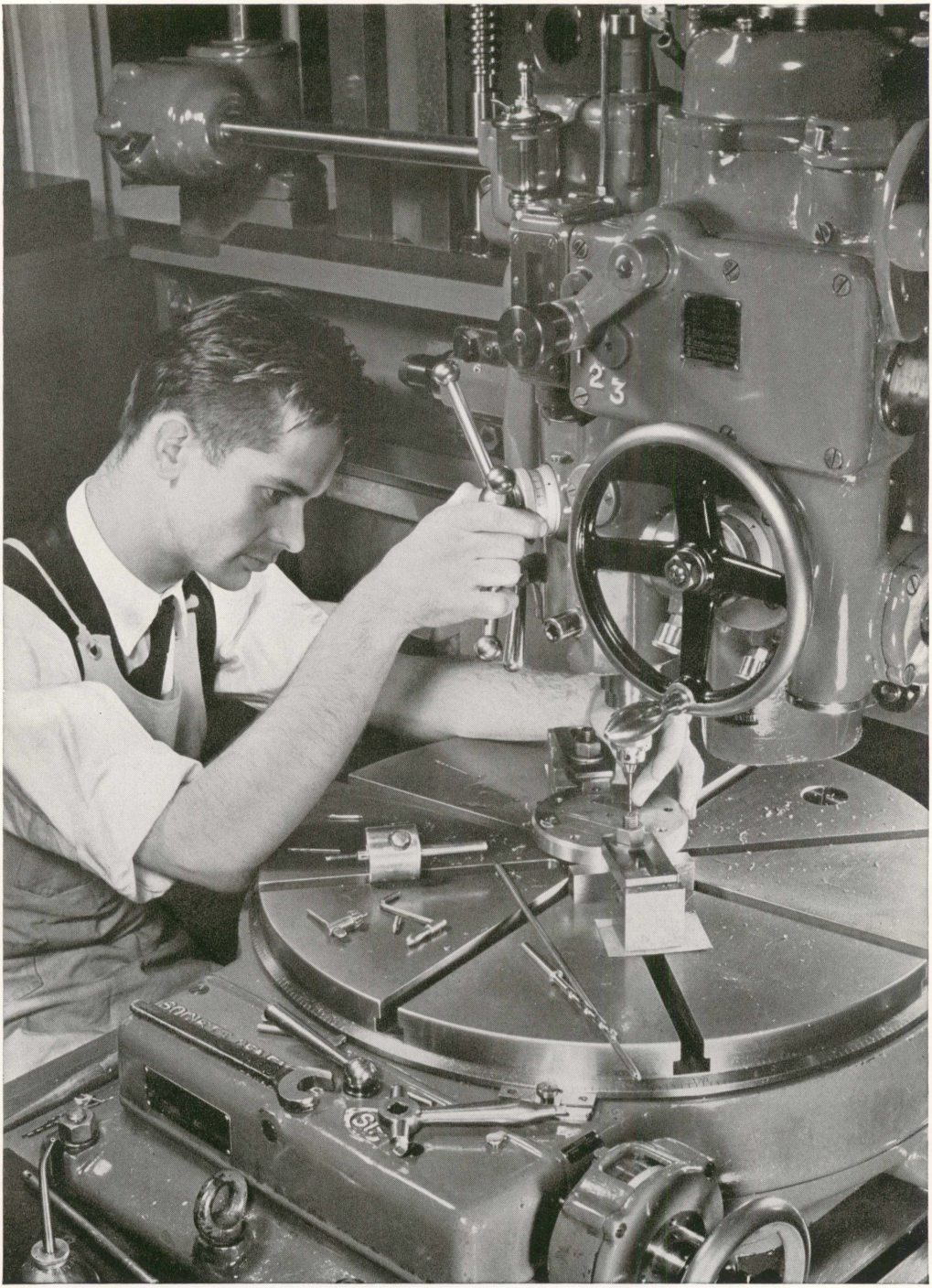
PHOTOGRAPHY WITH KODAK MEDALIST II CAMERA

WITH Kodak Medalist II's unequaled *f*/3.5 Ektar Lens and 1/400 Kodak Flash Supermatic Shutter you can make the kinds of pictures you want.

Its scope is indicated by the representative results reproduced here from negatives and transparencies made by Medalist II and its predecessor, the original Medalist Camera.

From Kodak Super-XX negative

SYNCHRONIZED FLASH



INDUSTRIAL

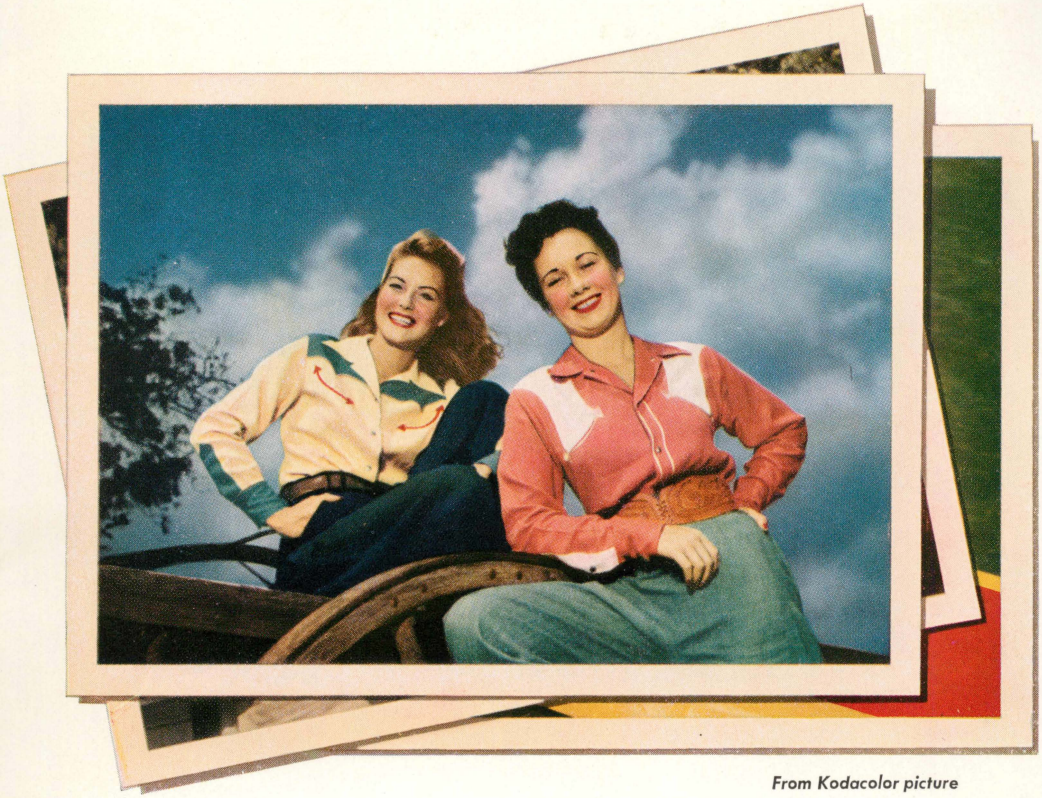
From Kodak Plus-X negative

From Kodak Ektachrome transparency

INFORMAL PORTRAIT

FLOWER STUDY

From Kodachrome transparency



From Kodacolor picture

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From Kodak Ektachrome transparency by Medalist II Camera