

Family  
Travel  
Landscapes

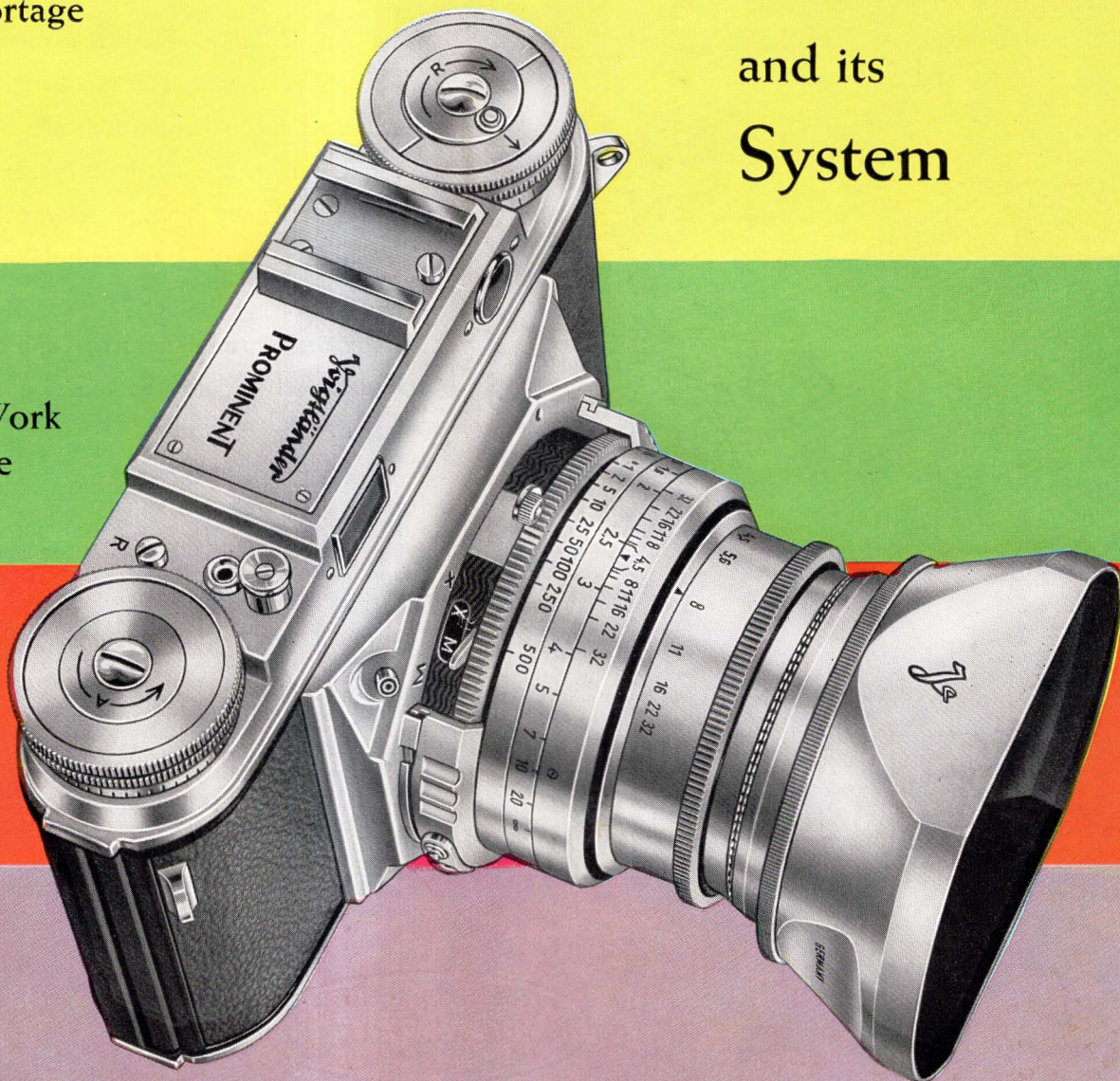
Photo-Reportage  
Sports

Fashion  
Theatre  
Portraits

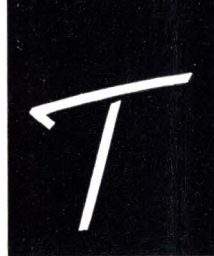
Science  
Medicine

Industrial Work  
Architecture  
Advertising

The  
**PROMINENT**  
and its  
System







he photographer of today has to deal with an ever increasing diversity of subjects. Photography is used in so many fields of human activity that only a camera with a system of equipment can meet all the demands of modern practice.

The Voigtländer *PROMINENT* is a camera with such a system. The advantages of interchangeable lenses have been most successfully combined with those of the central shutter, and a whole system of accessories and supplementary apparatus widens the scope of the *PROMINENT* considerably: tele and wide angle shots, flash photography, close-ups, copying, macro- and micro-graphy, oscillograph fluoroscopy, and other specialised technological work can be carried out with this fine camera.

Thus the *PROMINENT* is a camera which you can fully utilise for your work as well as your private pursuits. This booklet is intended to give you a survey of the almost endless number of applications made possible by the *PROMINENT* system.

If you desire any additional information please ask your dealer or write direct to Voigtländer who will be glad to answer any enquiry about the

**PROMINENT** and its system of equipment





# Prominent 35 mm

With its combination of interchangeable lenses and central shutter the PROMINENT meets two demands of versatility under all working conditions, including the use of flash: While the choice of different lenses allows the photographer to make the best optical use of the PROMINENT for the task in hand, the central shutter is the only type to permit perfect synchronisation of electronic flash as well as expendable flash bulbs. Only the central shutter makes it possible in any circumstances

to obtain simultaneous and uniform illumination of the whole negative area,

to utilise the full intensity of the flash, and

to synchronise **all** kinds of flash with **all** shutter speeds up to 1/500 second.

The central shutter of the PROMINENT is a special design of the SYNCHRO-COMPUR; its double blades afford complete protection of even the fastest films during the changing of lenses.

The precision rangefinder incorporates Automatic Coincidence Compensation and is combined with the viewfinder with which it shares the eyepiece. **All interchangeable lenses without reflex attachments, no matter of which focal length, can be focused directly by means of the rangefinder without**

impairing your instant readiness for action when using a non-standard lens. With the PROMINENT there can be no faulty focusing because of mistakes in reading or converting figures.

Other features: The coupling of film winding, shutter tensioning, and film counter gives you quick action; there is a double exposure and film lock, a self-timer, depth of field scale, a film indicator, and eyelet for the carrying strap.







# High Efficiency Lenses

For if you change over to a different focal length you not only alter the scale of reproduction and therefore the picture area, but also the apparent perspective and the depth of field. The interchangeable lenses also afford you additional advantages in the fields of macrophotography and photomicrography which are dealt with in greater detail on later pages of this booklet.

There can be no mistaking the tendency of the development of recent years: miniature photography and colour are both assuming ever greater importance. Both make the highest demands on the lens; the miniature format needs increased image contrast and finer resolution, colour photography much improved colour correction.

Both demands are fully met by the new Voigtländer High Efficiency Lenses. All these lenses have been created in the course of the last few years, yet in this short space of time they have acquired a world wide reputation for themselves. The reason can be found in the practical results achieved by the lenses of your High Efficiency Series:

- ★ Definition and image contrast are considerably improved.
- ★ The limit to which a negative can be enlarged is no longer set by the lens but rather by the film material.
- ★ Colour photographs show astonishingly faithful colour rendering.

To the Voigtländer scientists must go the credit of having set new standards of photographic optics by developing these optical systems. With new types of glass and improved methods of computation they succeeded for all intents and purposes in eliminating the so-called "higher order colour aberrations". The result has been greatly improved definition with colour as well as black-and-white negative material, and their achievement put the lenses of the Voigtländer high class series in many respects ahead of the present standard of most film emulsions. The lenses will therefore keep their value for years to come.

The PROMINENT interchangeable lenses of non-standard focal lengths also possess the qualities of the high class series. Even in specialised working conditions the exacting photographer always has at his disposal a top quality lens that gives him the best obtainable results with either colour or black-and-white material.

The three different focal lengths of  $1\frac{3}{8}$ , 2, and 4 inches (35, 50, and 100 mm.) of the interchangeable lenses at present available adapt the PROMINENT to almost any normal requirements. They enable the creative photographer to endow his pictures with that "final touch" that gives them the stamp of his personality.



# The Interchangeable Lenses

Within the frame-work of its system the PROMINENT offers you a choice of several lenses, all belonging to the Voigtländer High Efficiency Series. Thanks to the highly effective vacuum applied anti-flare coating — specially suited to colour films — the optical efficiency of the lenses is fully utilised without impairing the colour quality of the image in any way; it goes without saying that the coating is proof against all normal cleaning processes. Strict controls see to it that every single lens can meet the most exacting demands.

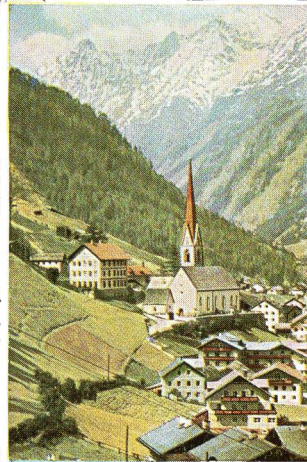
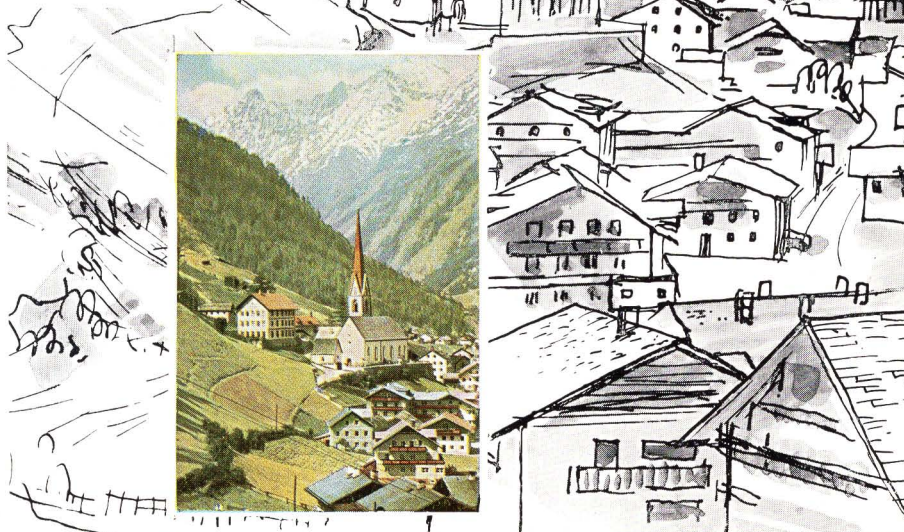
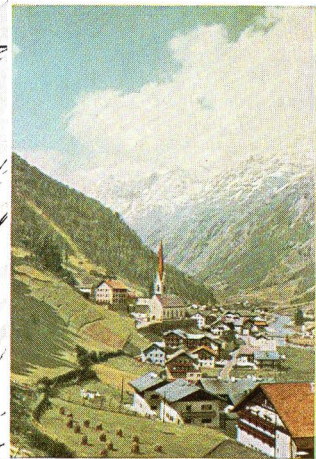
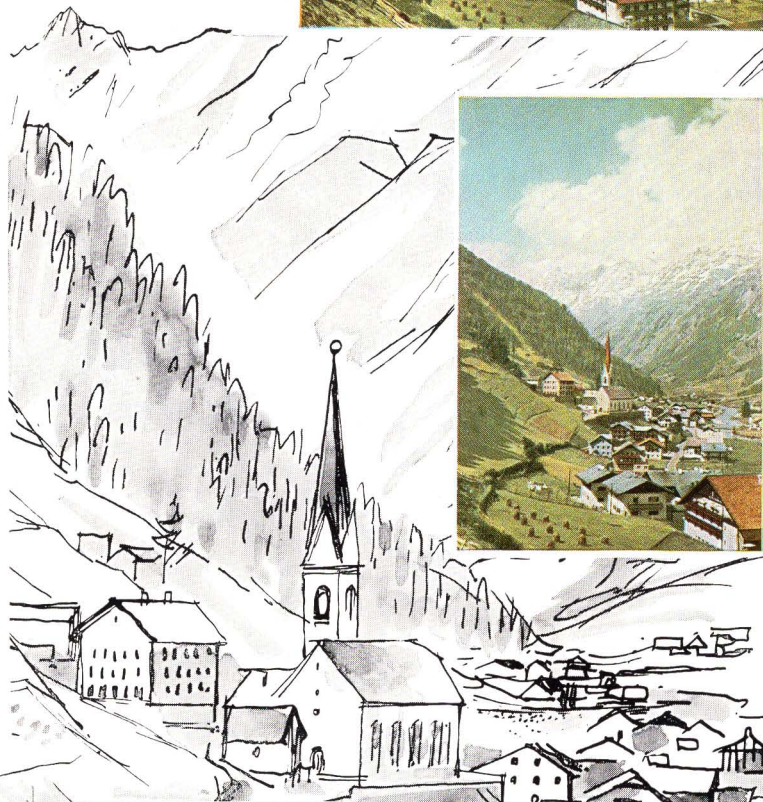
Besides the outstanding colour performance common to all PROMINENT lenses, which we have already described, the individual features of the various lenses are:

## **2 inch (50 mm.) NOKTON f/1.5.** Standard focal length.

With its extreme aperture of f/1.5 the NOKTON is the fastest lens of the Voigtländer high class series. A 7-element lens, it can deal with the most unfavourable light conditions and will give you sharp pictures even at full aperture.

## **2 inch (50 mm.) ULTRON f/2.** Standard focal length.

A 6-element lens of unsurpassed definition and brilliance. With its large "light reserve" and outstanding definition at full aperture, performance of the ULTRON lens has enthusiastic admiration.





**4 inch (100 mm.) DYNARON f/4.5.** Tele lens.

A 6-element, genuine, telephoto lens of short back focus. This reduces the risk of camera shake, due to the forward centre of gravity of the assembly, so common with long focus lenses. Distortion is very well corrected. Thanks to its focal length, twice as great as that of the standard lens, a full tele effect is obtained. It is directly coupled to the range-finder (p. 7). The DYNARON has an outstanding colour performance, a quality remarkable in tele lenses.

**1<sup>3</sup>/<sub>8</sub> inch (35 mm.) SKOPARON f 3.5.** Wide-angle lens.

A fast 5-element lens with angle of acceptance of about 63°. Its outstanding resolution, good correction of distortion, and particularly fine colour correction, give it exceptional qualities. It is also directly coupled to the rangefinder (p. 7).

**4 inch (100 mm.) TELOMAR f/5.5**

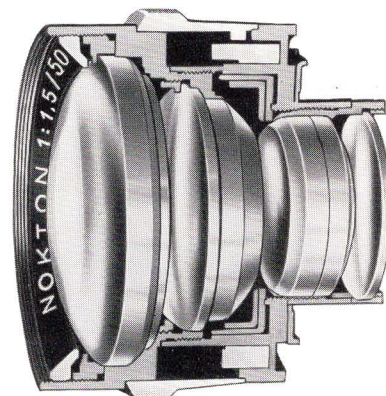
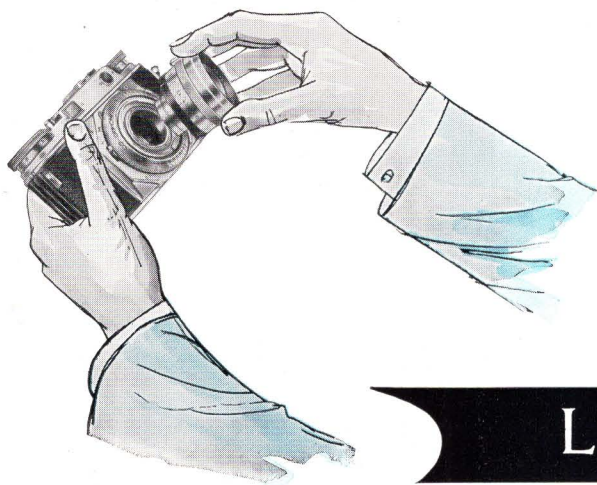
This 5-element tele lens is built into a **reflex attachment**. It is a genuine telephoto lens of short back focus with full tele effect and also very good correction of distortion. It yields outstanding definition and has excellent colour correction — a particularly important feature.

The reflex attachment gives you all the advantages of the ground glass screen which are so helpful with every type of photograph and particularly so with a tele lens:

You can check your composition, exact focusing, and depth of field with portraits and close-ups, and there is no parallax (important with very close range shots down to a distance of 10 inches). A 5 x **magnifier** shows you the clear screen image right way up. For fast moving subjects (children at play, sports) you can use the frame finder which is built into the screen magnifier of the TELOMAR. In order to see the screen image the right way round, you can exchange the ordinary magnifier for a 5 x **prism magnifier**.







## Lenses without Compromise

Over a century of development links the world's first mathematically computed photographic lens — a Voigtlander product — with the interchangeable lenses of the PROMINENT. This vast experience which is of the greatest possible importance, caused the Voigtlander designers to refuse any compromise whatever the design of the interchangeable lenses.

For only by correcting each lens to the last detail and as a complete optical and **mechanical unit** was it possible to obtain the quality that made Voigtlander lenses famous all over the world.

The consequence of this refusal to compromise was a number of optical and mechanical advantages which are of great and even decisive importance in practical work with the directly mounted PROMINENT lenses:

- ★ Maximum definition with all lenses, with colour as well as black-and-white material,
- ★ Invariable adjustment of all lens elements in rigid mounts. Final testing of the complete lens,
- ★ Absolute protection against dust between the lens elements,
- ★ Direct focusing of all lenses by means of the rangefinder. No out of focus images through incorrect setting of the lens in transferring the rangefinder readings. Continuous focusing of moving subjects without having to remove the camera from eye level. Permanent check on the focus through the combined view and rangefinder eyepiece.
- ★ Secure locking in the rigid metal lens panel of the PROMINENT guarantees safe and quick lens changing.







## Close

Photography at less than three feet opens up a new world of beauty. The field of close-up photography offers literally inexhaustible scope for discovering the charm of small things: delicate blossoms and interesting insects, pictorial still life and creative table top studies are at your beck and call.

You can take close-ups with the **PROMINENT** up to a scale of reproduction of 1 : 2.5 (see under "Macrophotography" for still larger images). This gives you a natural size reproduction of the subject on an enlargement as small as  $2\frac{1}{4} \times 3\frac{1}{4}$  inches. There are two ways of taking close-up photographs: by means of the **Focar** lenses or with the **Proximeter**.

The Focar lenses are positive meniscus lenses which you simply fit in front of one of the standard 2 inch lenses like a filter, and which enable you to take photographs at less than the normal near limit of  $3\frac{1}{2}$  feet. Of course, every Voigtländer Focar lens is coated on both sides and precision ground and mounted so as to preserve the high performance of the camera lens. According to the subject distance you select a Focar lens A (40 to 20 inches), B (20 to  $13\frac{1}{4}$  inches) or C ( $11\frac{3}{8}$  to 9 inches). They enable you always to obtain the most suitable image size. A leaflet containing all the necessary instructions is enclosed with every Focar lens.

Close-ups are particularly easy with the **TELOMAR** in its reflex attachment. It has more than one advantage. For while the greater focal length results in twice the image scale of the standard lens, the reflex viewing system of the attachment allows you to focus easily on the ground glass screen without any parallax error and to check the depth of field. For close-ups with the **TELOMAR** you need in addition to the Focar lenses A, B, and C, the Focar





# -Ups

lens 0 which bridges the gap between 40 inches and 6½ feet, the near focusing limit of the TELOMAR tele lens.

The Proximeter offers you an alternative method of taking close-ups. This supplementary optical unit not only brings the near focusing limit of the lens from 3½ feet to 10 inches but also adapts the built-in rangefinder of the PROMINENT. Therefore lens and rangefinder remain coupled just as correctly as in the normal focusing range. In other words, with the Proximeter you can use the rangefinder at distances closer than 3½ feet. You can even take action shots of moving close-up subjects. At the same time the Proximeter also takes care of parallax, a particularly important feature with close-ups.

The Proximeter can be used together with any one of the standard 2 inch lenses and also with the DYNARON; it yields images at a scale of reproduction up to 1:5 and 1:2.5 respectively.

You will find further information in a special leaflet obtainable from your dealer.

For close-ups the copying outfit described on the following page can be composed as to form a **table stand**. With close-ups you often have to stop down considerably in order to obtain sufficient depth of field, and this may necessitate time exposures. You can also study the angle of view, the picture area, and the subject distance in comfort because the table stand holds the PROMINENT in an immovable grip. An extremely robust **ball-and-socket head** that cannot tip over widens the scope of the table stand considerably. It allows you to lock the camera at any required angle, and you will find its single knob control of vertical adjustment and tilt particularly convenient.







For the important field of documentation the PROMINENT system contains apparatus designed to permit easy and quick copying of all kinds of originals. You can accommodate a whole archive in the smallest space.

With the PROMINENT copying outfit you can copy originals of any size between  $11\frac{3}{4} \times 16\frac{1}{2}$  inches (297 x 420 mm.) and  $3 \times 4\frac{3}{8}$  inches (74 x 105 mm.); i. e. scales of reproduction from 1 : 12 to 1 : 3. It consists of copying stand with size indicating-mat, focusing head with 50-mm.-REPRO-SKOPAR f/3.5, ground glass adapter, 5 x ground glass magnifier, coupling ring, and ball joint with tube.

A special high-quality lens, the 2 inch (50 mm.) f/3.5 REPRO-SKOPAR, is built into the focusing adapter. This top class lens is specially corrected for close-ups, and its high resolving power permits the copying of smallest writing and delicate drawings; in addition its excellent colour correction produces faithful reproductions of coloured originals.

The ground glass attachment permits precise focusing of the REPRO-SKOPAR at any distance within the range of adjustment; it also serves in using the copying lens for any close-ups (see page 9). As in the case of the reflex attachment (p. 6) the screen magnifier can be replaced by a prism magnifier for viewing the image the right way round.

## Copying



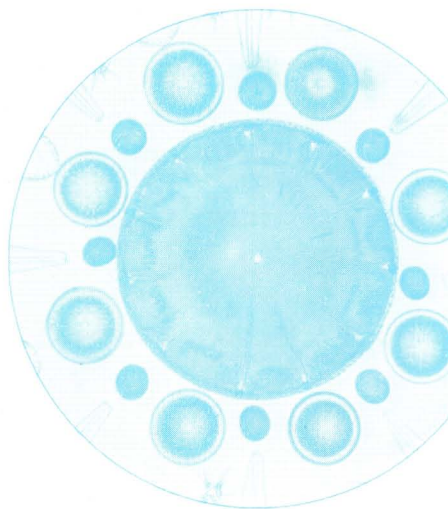
## Macrophotographs

Even copying with a scale of reproduction of 1 : 1 and 2 : 1 (macrophotographs) presents no difficulty to the owner of a PROMINENT for the versatile PROMINENT system also covers this specialised field of photography. The **macro unit** determines the exact field of view and distance, while the desired scale of reproduction is obtained by combining two lenses; one of the 2 inch lenses + the DYNARON for a scale of reproduction of 2 : 1, and the DYNARON + a special supplementary lens system ( $\frac{4}{3}$  inch or 105 mm. COLOR-SKOPAR f/3.5) for a scale of reproduction of 1 : 1. The two lenses, the PROMINENT, and the macro unit are rigidly locked together and can be used in the horizontal position or tilted as required.

The depth of field necessary with these ultra close-ups at twice natural size is obtained by means of **special stops** and the table stand with ball-and-socket head (p. 9) will support the camera securely.





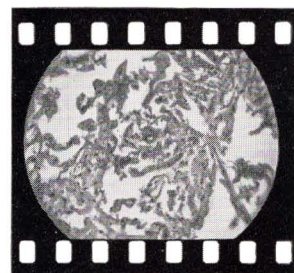
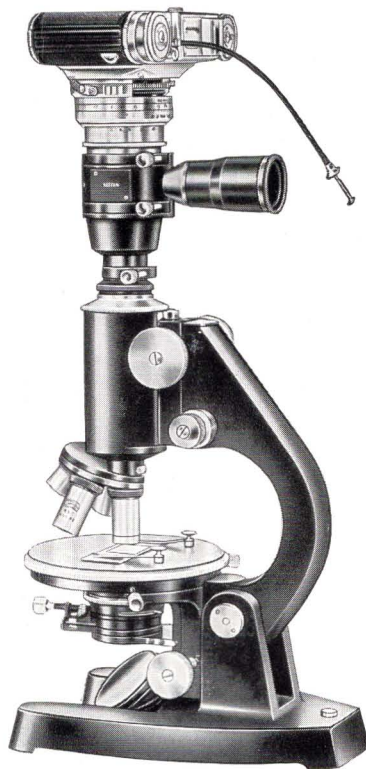


The PROMINENT is also a useful camera for taking photomicrographs. Thus the scientist can acquire a professional camera which he can equally well use in his spare time as an amateur camera.

With the exception of the wide-angle lens you can use the PROMINENT with any of its lenses for photomicrography. The magnification of the negative is  $\frac{1}{5}$  that of the visual microscope image with a 2 inch lens, and  $\frac{2}{5}$  with a 4 inch lens. Therefore it is best to use the PROMINENT with the DYNARON for photomicrography wherever possible, because the 4 inch lens makes better use of the negative area and produces a greater image scale.

The PROMINENT system offers two ways of taking photomicrographs: with the reflex attachment or with the focusing telescope. With both combinations a **micro clamping collar** connects camera and microscope.

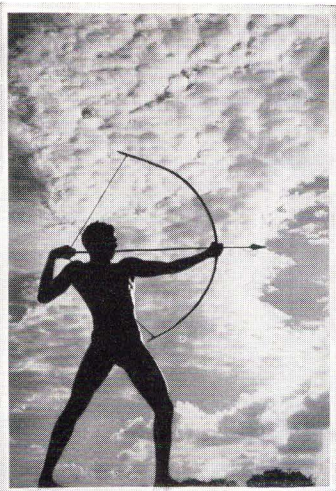
When using the **reflex attachment** the microscope image is focused on the ground glass screen where it remains visible up to the moment of exposure. The **focusing attachment for photomicrographs** on the other hand allows the subject to be watched **during** the actual exposure. This is very valuable with live, and thus moving, specimens which continually alter the microscopic image. The observation tube can be used with all lenses of the standard focal length (2 inches) or with the DYNARON.



## Photomicrography







## Accessories



Only accessories of the finest quality can maintain the fine performance of the **PROMINENT** and its lenses. That is why Voigtlander have produced the Voigtlander precision accessories for their cameras which undergo the same strict tests as the other components of the **PROMINENT** system. Incidentally, all Voigtlander accessories fit not only Voigtlander cameras but also all other makes with the same lens mount diameter.

You should on principle use the **lens hood** for every photograph in order to keep out stray light and to prevent flare which reduces contrast. It is of robust all-metal construction and cannot be damaged by being dropped or knocked.

The **PROMINENT** filters are also optical high precision products. Their glass is precision ground and dyed in the mass, their robust and accurate mounts are extremely rigid. All Voigtlander filters are coated on both sides in order to ensure the greatest possible light transmission and to prevent any stray light from reaching the lens. A well chosen range of filter colours will deal with all practical work:

there are two **yellow filters G 1,5 x and G 3 x** of different depth,

a **green filter Gr 4 x** and an **orange filter Or 5 x**. When taking photographs in the mountains or in a haze-free atmosphere (e. g. at the seaside) the **Ultra-violet filter UV** eliminates the ultraviolet rays so detrimental to your pictures. With colour film, the UV filter prevents the blue tinge which often arises with exposures made during the middle hours of the day.

The **polarising filter P** removes troublesome reflections from windows, spectacles, water surfaces, and the like.

And finally, the **Type A conversion** filter allows artificial light type colour film to be used in daylight or with electronic flash.





Camera ever-ready case



**Small accessory case:** Takes 1 lens hood and 3 filters or Focar lenses.

**Universal case UNIT-B:** PROMINENT with lens attached, DYNARON, SKOPARON, Turnit viewfinder, Kontur sportsfinder, lens hood, 3 filters or Focar lenses, 2 Proximeter.

**Lens case UNOP-B:** Lens 50 mm., DYNARON, SKOPARON, Turnit viewfinder, Kontur sportsfinder, lens hood, 2 filters or Focar lenses, 2 Proximeter.



## Cases

To make it easy for you to carry your interchangeable lenses and accessories and to have them always at hand, Voigtländer have produced several cases: the camera ever-ready case, a small accessory case which can be attached to the carrying strap of the camera, a case for the interchangeable lenses, and a case for the complete equipment.

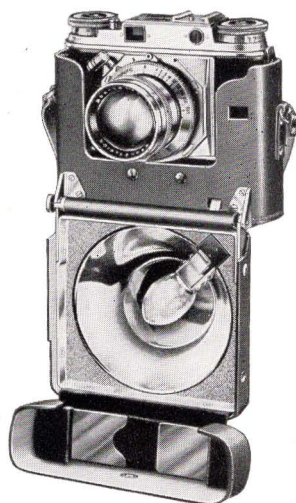




# Flash Equipment



**Only the central shutter** could master this task: Flash photo of a fast-moving subject in powerful spotlights. The dynamic jump of the dancer required the  $\frac{1}{1000}$  sec. of the electronic flash, whilst the  $\frac{1}{500}$  sec., accomplished by the Synchron-Compur, leaves the spotlights ineffectual, which with the speed of  $\frac{1}{25}$  sec. would render dullness and double outlines.



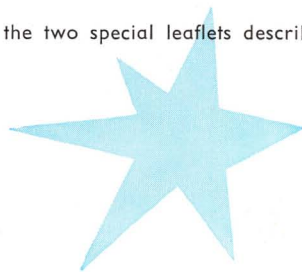
The popularity of flash photography is constantly increasing because it renders the photographer independent of the prevailing light conditions. The **speed synchronised central shutter** of the type used in the **PROMINENT** is an especially important factor in this development because it is the only type to permit the reliable synchronisation and full utilisation of all kinds of flash.

The ideal flash equipment for the **PROMINENT** owner is the Voigtlander **flash case**. This novel combination\*) of an ever-ready case with a flash gun does away with the need for carrying a separate flash gun. With this flash case you are ready for action at a second's notice even when taking flash shots and its operation is simplicity itself.

However, if you prefer a separate flash gun you can supplement your equipment with the Voigtlander **flash gun**. Its most important features are: very efficient reflector, light weight, and its "magic eye" test contact — above all, however, its exceptionally attractive price.

Please ask your dealer for the two special leaflets describing these two flash guns.

\*) German and Foreign Patents





# Finders

Since the angle of view of the telephoto and wide-angle lenses differ considerably from that of the view and rangefinder, Voigtländer developed the reversible **TURNIT finder** for the additional lenses. With a simple rotation of this push-on viewfinder you can match the viewfinder image to the field of view of the DYNARON or SKOPARON lenses. The viewing image in both viewing directions is bright to its edges, and in the tele position it gives you a 1.7 x magnification of the natural size of the subject. A small lever with three click settings allows you to compensate for the parallax error.

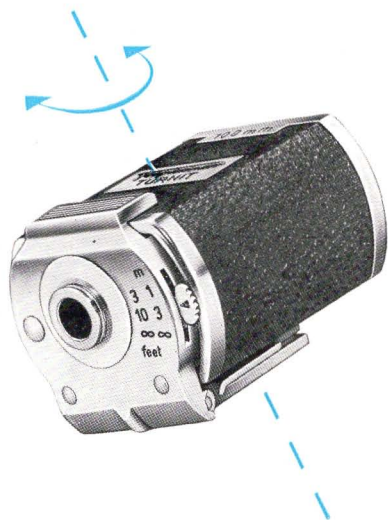
The Voigtländer **KONTUR finder** is of a completely different kind. It really ought to be called a "picture finder" because it makes it so very easy to determine the most pictorial part of the subject and to arrange it exactly as you want it.

This is because with the Voigtländer Kontur finder you see not

only the picture area as seen by your **PROMINENT** but also its surroundings. Everything is in natural size. When you look through the Kontur finder you clearly see a brilliantly white outline that is suspended in the field of view like a frame and shows you exactly how much of the scene will be on your negative. When photographing people and portraits you can clearly distinguish even the slightest alteration of facial expressions, and easily find the right moment for releasing the shutter. Spectacle wearers particularly like the Kontur finder because they no longer have to take off their glasses.

Read all about the novel Kontur finder in the special leaflet obtainable from your dealer or direct from Voigtländer.

The Kontur finder is available for the standard focal length of 2 inches (50 mm.).







**Highest Speed — no Luxury!**

Would you like to be independent from bad lighting conditions with your colour photos? You are — with the ultra speed NOKTON f/1.5. Evidence: A PROMINENT amateur took this picture with aid of the light from the liquid steel only,  $\frac{1}{25}$  sec. at full aperture f/1.5. When other colour photographers must resign, you can still shoot with your NOKTON, and achieve unique effects.

Your photo dealer:



because the lens is so good