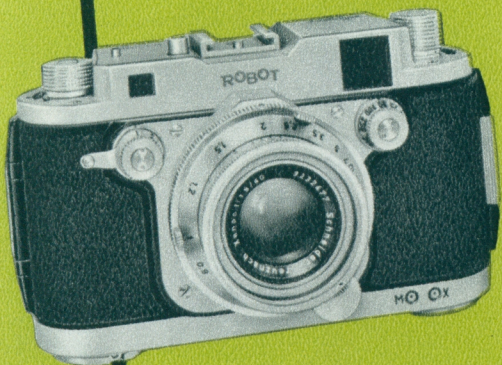


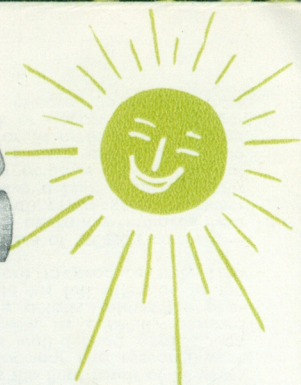
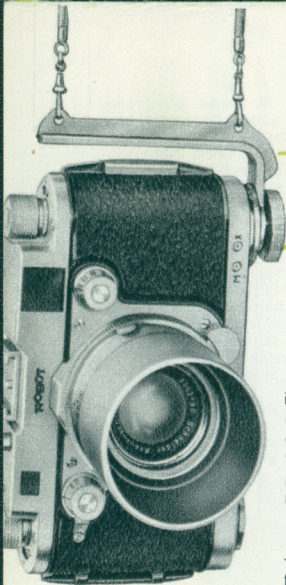


ROBOT ROYAL



truly "royal"
in precision
and
performance

ROBOT · BERNING & CO · DÜSSELDORF



in most cases, brilliant negatives can be attributed to the use of a sun-shade. You should therefore use one for all photographic work, particularly since the novel

ROBOT SUN - SHADE

— after having been screwed to the lens mount — need not be removed when closing the ever-ready case, as it can be pushed back over the barrel of the lens by releasing a stop. It is therefore always ready for use and cannot get lost.

If one prefers to use the camera without the ever-ready case, a convenient

CARRYING ATTACHMENT

with spring hook and flexible metal strap can be connected to the camera. By this means it is freely suspended in the correct position for immediate use.

ROBOT COLOR FILTERS

screw on to the lens mount or to the sun-shade. They can remain fixed in position when the ever-ready case is closed.





REMOTE-CONTROL RELEASE

The fully automatic operation of the **ROBOT ROYAL** opens up a further, extraordinary field of application; the field of remote-control photography. Within the scope of this leaflet it is not possible to cover in detail all that the **ROBOT** remote-control release — a solenoid energized by dry battery or by house current — offers. If you wish to take pictures of children or other persons unobserved, or close-ups of animals in open hunting grounds, or to observe natural life in its wild state . . . the remote-control release is invaluable.

The camera, equipped with the remote-control release, is brought into position at the place where the pictures are to be taken. By means of any desired length of cable you operate the shutter, closing the electrical contact by hand or foot. With the **ROBOT-ROYAL** you may use either the single picture or **AUTO-SEQUENCE RELEASE**, according to the position of the switch lever. Standard dry cells, carried in the remote-control release battery casing, are used as a portable source of current. A transformer can be supplied for operation on house current.



For close-ups of plant
or insect life

SUPPLEMENTARY LENSES AND EXTENSION RINGS

are available to fit the **ROBOT ROYAL**. Special tables, as supplied with these accessories, should be consulted to assure their successful use. The supplementary lenses are screwed to the lens and permit taking pictures at distances ranging from 28 inches to 9 inches. Extension rings are placed between the camera body and the lens mount, for taking close-ups at scales ranging to 1:1.



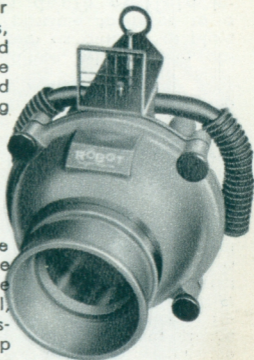
With the
ROBOT MICRO ADAPTER



which can be interconnected easily between the microscope and the camera body, the **ROBOT** owner can take photomicrographs, either singly or in rapid sequence. Furthermore, the object can be observed continuously while being photographed.

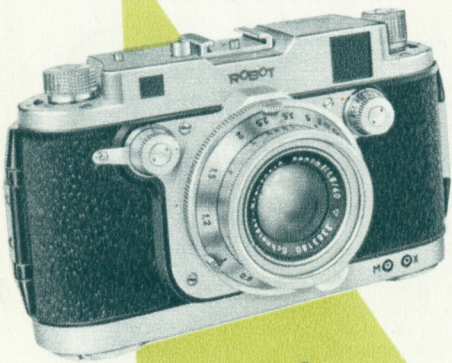
A new
UNDERWATER HOUSING

has been developed for the **ROBOT ROYAL** on the basis of experiments made with the former model, which has already disclosed wonders of the deep sea to many underwater photographers.



Again the aperture and distance can be set from the outside, and the housing has been improved. The permissible diving depth has been increased to approx. 200 ft.; the wide-angle lens can be used in addition to the standard lens, and previous model **ROBOT** cameras can be installed into the housing without any structural alterations.

ROBOT ROYAL



A "ROYAL CAMERA"

— indeed, that's a rather daring description, but those who see the **ROBOT ROYAL**, those who handle it, and above all, those who use it — will find this attribute fully justified.

This new camera is the final result of 20 years of unending development and research work directed toward a well-defined goal... an instrument which, with its carefully planned combination of fine details, allows the photographer to devote his full attention to the subject and therefore to produce truly life like pictures.

The outstanding feature of **ROBOT** cameras — their fully automatic operation — makes them the leader among all rapid-sequence cameras. All **ROBOT** have a built-in spring motor which automatically actuates the advance of the film, cocks the shutter, and operates the exposure counter for 24 or 55 pictures. There are no more blank or double-exposed negatives, no need to remove the camera from

the eye between pictures, no turning or twisting (because the picture format is 24x24 mm!) — there is only one thing left to do; just take the pictures!

While people with other cameras have to wind the film for the next picture, while they have to cock the shutter — you can take photographs from any position, at any moment... But don't worry! The economical square negative format always permits more exposures, among which you will certainly find the very picture you wanted. And furthermore, you need never wait until you have exposed all 55 negatives; you can always remove the exposed portion of the film for processing before you finish the entire roll. And now, here is the new **ROBOT ROYAL**, offering not only the single picture release, but, for the first time the built-in **AUTO-SEQUENCE RELEASE** which makes 8 exposures a second. In addition, the **ROBOT ROYAL** has the "measuring finder" with automatic focusing for all lenses!

First of all the Built-in AUTO-SEQUENCE RELEASE

How many unexpected possibilities exist for the use of the **AUTO-SEQUENCE RELEASE** when taking pictures of children and animals! Or, in the world of sports: How many thrilling, exciting moments during important games or sporting events — fancy high diving, football, and the like — occur but are "missed", because no camera was available to react with the necessary speed! Not only press photographers, but serious sportsmen, trainers and coaches of high divers, equestrians, ski-jumpers and many others will appreciate the built-in **AUTO-SEQUENCE RELEASE** of the **ROBOT ROYAL**. It gives them the best possibility to control the performance of their athletes and therefore forms the basis for their successful training and development. But the **ROBOT ROYAL** is not only a rapid-sequence camera. For the carefully planned single exposure, it contains the crystal-clear viewfinder and the precisely operating coupled rangefinder. Both are combined to form the

MEASURING FINDER

This is a lens-coupled range-finder, combined with a viewfinder, which works according to the well-known superimposed image method; a slight turn of the distance setting ring — causing the outlines of the object to coincide within the bright measuring area of the viewfinder — automatically focuses the lens to the proper distance, i.e. to the exact plane in which the object is located. This provides several logical advantages — unconcerned approach to the object for close-ups, resulting in utilization of the full negative area — use of large lens apertures such as f:2.8 or f:1.9, taking advantage of the high light transmission of the fine quality optics provided.

In addition, with moving objects such as children at play, it is possible to focus to a certain depth of field instead of focusing on the exact plane of the object. For this purpose one makes use of the practical **ROBOT** color-point system: colored points on the aperture and distance setting rings — easily read from above — indicate the obtainable depth of field. One can use this color-point system, if one knows in advance within what range the object will move. (Example: between 9 and 24 ft., or between 3 and 8 ft.)



LENSES

The high-quality coated Schneider lenses are fitted with click stops for aperture setting. They can be interchanged easily and safely by means of a special bayonet lock. All lenses are coupled to the rangefinder.

Xenar 38 mm. f/2.8

A well-tested standard lens giving high-quality pictures.

Xenon 40 mm. f/1.9

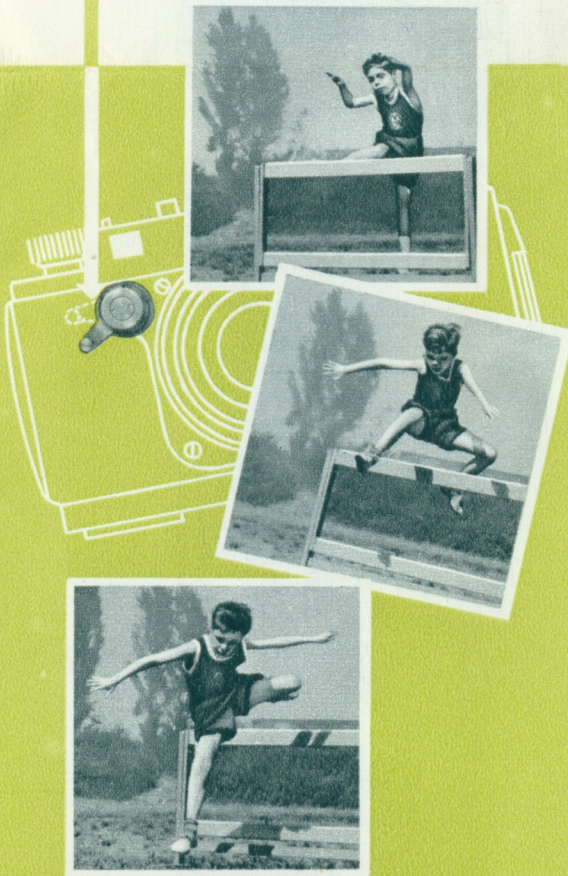
An extra fast, first class universal lens giving very sharp definition over the entire picture area.

Xenagon 30 mm. f/3.5

A wide-angle lens having special characteristics: Wide angle of view (58° in the diagonal), and enormous depth of field. Suitable for architectural and interior photography as well as for snapshots.

Tele-Xenar 75 mm. f/3.8

A telephoto lens having sharp definition which gives an image twice as large as that of standard lenses. Indispensable for sports, animal shots and format filling portraiture.



FINDERS

A complete selection of view-finders to meet every particular requirement is available to fit the **ROBOT ROYAL**. All these additional finders are provided with adjustable parallax compensation.

Reflex Finder for 75 mm. lens

In this finder the image area of the 75 mm. lens is marked by a yellow outline appearing in perfect contrast to the larger field of view. Moving objects are seen "approaching the image area", whereby safety of operation is assured.

Wide-Angle Finder for 30 mm. lens

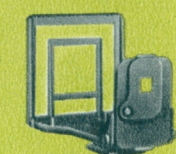
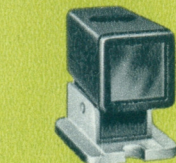
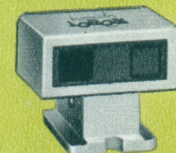
A telescopic view finder having an image area corresponding to that of the wide-angle lens.

Universal Finder for all focal lengths

In accordance with the known principle of the "rubber lens", this finder can be adjusted to any focal length of **ROBOT** lenses.

Sport Frame Finder for 40 and 75 mm. lenses

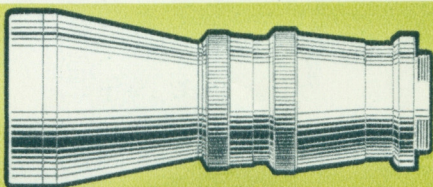
This finder is especially suitable for sports shots and can be used as desired for both focal lengths. In particular, users who wear spectacles will appreciate this type of finder, as it has been fitted with a special eye-piece for their use. This finder can be folded when not in use.




Available soon:

Telephoto lens 200 mm. f/5.6

An outstanding lens for taking special telephotographs. Angle of view 9° in the diagonal. Absolutely no vignetting effect.





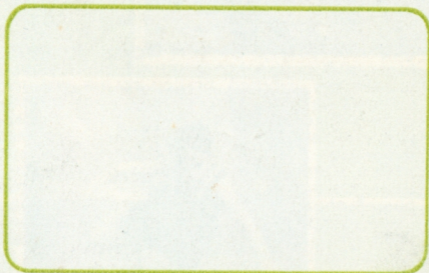
THE **ROBOT**-ROYAL IN SCIENCE AND TECHNOLOGY

Due to its fully automatic operation — rugged design — resistance to cold — insensibility to shock, the **ROBOT-ROYAL**, as well as previous **ROBOT** models, is able to handle a multitude of special applications of scientific-technological nature.

From the photography of surgical operations and X-ray screens, its various applications range to photo-finish shots at races, photographic recording of measurement and test

apparatus readings, photos taken inside inaccessible pipe installations, under-water pictures, police service photography ("traffic offender camera" for taking pictures from moving police cars), aerial photography, and many further uses in almost every possible branch of Science, Industry and Technology.

See the **ROBOT ROYAL** at your photo-dealer:



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ROBOT AMERICAN CORPORATION
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