

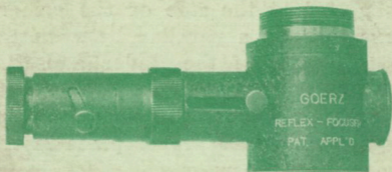
GOERZ

REFLEX—FOCUSER

for

FILMO *and* VICTOR

CAMERAS



*An Accurate Ground Glass,
Focusing Device for use
with long-focus Lenses.*

WITH the Filmo and Victor camera one cannot view or focus the image on a groundglass.

One is depending, therefore, on the focusing scale to get the object in sharp focus and on the sight-finder to get the scene properly located in the film window. While this may work out all right in the case of short focus lenses and with the object at greater distances, one cannot depend on this means of focusing when long focus lenses have to be used to photograph wild animal life, distant scenery or surgical operations. The field of view which these long lenses include at the film window is, of course, very limited and as the finder is placed at the side of the camera lens there is a parallax between the optical axis of the finder and that of the photographic lens. This makes it extremely difficult to place the principal object into proper place in the exposure window.

The depth of focus in long focus lenses is also very shallow and, if objects at close range are to be taken, the focusing scale is not sufficiently accurate to obtain the best possible focus for the principal object.

To overcome these difficulties the Goerz Reflex Focuser has been designed.

It is a small optical instrument which screws into the lens thread of the Filmo and which has on the other

end a threaded portion to again receive the photographic lens in a suitable focusing mount. At right angle to the main body a small tube projects and this tube contains a movable right-angle prism, a ground-glass and mask and a 10 power magnifier. The prism can be shifted in and out of the path of the rays coming thru the photographic lens and the image can thereby be thrown on the groundglass where it can be viewed and focused thru the 10x magnifier.

After the focusing has been done the image will be projected into the film window in exactly the same relation as seen on the masked ground-glass by withdrawing the prism into the small tube by means of a projecting knob. This may be repeated as often as is desired to check up the field or focal position of the lens. It requires only a fraction of a second to make the change. The device remains on the Filmo when using long focus lenses.

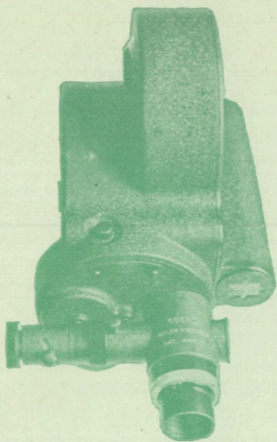
On account of the required lateral dimension ($1\frac{3}{8}$ ") of the main body the Goerz Reflex Focuser should be used with lenses of a focal length of 3" or longer. Such lenses require special focusing mounts, which we are prepared to furnish, and they may then be used for any distance from infinity to within the range of the focusing mount.

The Reflex Focuser will be of great assistance in filming surgical operations where the use of long focus lenses is often a necessity and where therefore, on account of the limited field, a very exact positioning of the camera becomes of utmost importance. It serves equally well in wild animal life pictures and in all instances where long focus lenses must be used.

However the Reflex Focuser will also be useful at times with lenses of shorter focus than 3" because the main body part then acts as an extension and thereby enables the filming of objects very close to the camera where the regular extension of the focusing mount would not suffice. A 2" lens for instance may be focused as close as $7\frac{1}{2}$ " and a 1" lens as close as $1\frac{1}{2}$ " when used with the Reflex Focuser. These lenses become thereby available for filming very small objects such as insects when it is also of great help to be able to focus the tiny object critically sharp.

The Reflex Focuser can also be used in placing titles in correct position because the reading matter may easily be focused on the ground-glass with the 10x magnifier.

Price\$27.50



The Goerz Reflex Focuser
Attached to Filmo Camera

This novel device and many other
Movie Specialties, High-grade Lenses,
Focusing Mounts, etc., manufactured
by the

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