

GOERZ ROLL-TENGOR

1922-1926



Serial nr.1671321
Lens Serial nr.-

Characteristics and functions

C. P. Goerz was founded in 1886 by Carl Paul Goerz. Originally, it made geometrical drawing instruments for schools. From 1888 it made cameras and lenses. During the First World War, Goerz's main production was for the German and Austrian military. Goerz is known primarily for Anschütz strut-folding cameras, Dagor lenses and Tengor, Tenax cameras, (later continued by Zeiss Ikon) and Minicord subminiature camera. C. P. Goerz also made a series of telescopic sights for sporting rifles that saw some use during the shortage of military sniping rifles experienced during the early stages of the trench warfare that was to characterise much of World War I.

The **Roll Tengor** is a range of folding-bed cameras made by Optische Anstalt C.P.[Goerz](#) AG. of Berlin in the first half of the 1920s.

The camera bodies are in aluminum, with leather or leatherette covering.

To take photographs, the Roll-Tengor must be brought to the working position by pressing the small button located on the bottom of the camera, while simultaneously pulling the support foot - which in this case functions as a handle. Thus the spotlight is released which, when fully opened, presents the lens-shutter-bellows assembly collected inside the camera. At this point it is necessary to enter the lower part of the frame on the rails of the flap and make it advance until it engages with the focusing system (infinite position). To adjust the focus, lower the chrome-plated latch on the focus to infinity

and advance the lens mount so as to extend in bellows until the black metal reference coincides with the chosen distance along the distance scale positioned along the left side of the spotlight.

The diaphragm is adjusted by moving the lower cursor (in the shape of an arrow) and making it coincide with the desired diaphragm. To set the shutter speed you need to adjust the circular mount just above the lens, matching the desired speed with the reference (chrome arrow facing down). The trigger is located on the right side of the shutter frame. In the immediate vicinity of the trigger is the threaded socket for using the flexible release. The rotatable, magnifying viewfinder is located above the shutter mount. To close the camera it is necessary to rotate the viewfinder to the position for horizontal shooting and to return to the inside of the camera in lens-shutter-bellows complex after having unhooked it from the infinite position of the distance scale.

To advance the introduced film you have to act on the folding knob located at the extreme right of the upper part of the camera. On the back, a porthole with red plastic allows the observation of the numbering of the shots taken. At the end of the film, bring the whole film onto the receiving spool, advancing it with the feed knob until it is completely covered with the protection paper. To close the camera, press the chrome frames of the flap hinge, pushing the latter until it is completely closed (clak).

Technical Specifications

Shutter: central with 2 blades (guillotine type) "Goerz."

Times: 1/100", 1/50", 1/25", B, T

Diaphragms: f/11 – f/16 – f/22 – f/32 – f/45

Lens : symmetrical doublet – 1:11 F=12,7cm.

Focusing: to estimate with shooting distances on a metric scale from 1.5 meters to infinity

Viewfinder: magnifying viewfinder positioned above the lens mount, rotatable 90 ° for horizontal shots

Film Type: mod. 120 (measure images 6x9cm.)

Colors: metal body, black with black finishes and black leather

Accessories: threaded socket for cable release. Foot for camera support during vertical shooting. Threaded connection for tripod / stand (2).

Black leather handle for hand transport.

Weight: 395g.

Dimensions: length 175mm (handle included), width 84mm (incl. knob, depth 34mm (closed) / 133mm (open).