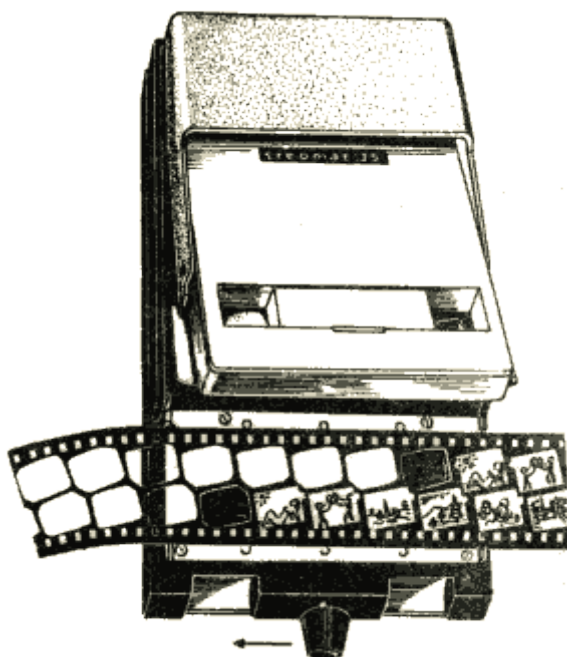


STEOMAT 35 - operating instructions

type No. 73942

The STEOMAT 35 apparatus serves for precise cutting of stereoscopic picture pairs from the film strip exposed in the STEREO 35 camera.

The film strip travels through the instrument on a precision track; it is held in the track by a spring-loaded holder. The teeth of a feed sprocket engage with the film perforations and ensure that the film is always transported by the appropriate length. When turning the knob, you will sense after each 1/4 revolution a click-stop. These click-stops are the marks for correct film transport lengths. By pushing the lever of the stereo punch downwards, a stereo picture pair is punched from the film strip. The punched pictures slip out from the punch through its front side openings.



The punching procedure

Lift the punch lever, clean the film track and lay the start of the film strip onto the track with its emulsion side down. Make sure, that a tooth of the feed sprocket engages with a perforation of the film. At the same time the two corresponding pictures of one stereo pair should appear over the punching holes in the film track. If it is not possible to insert the film strip so as to have the pictures aligned with the punching holes, turn the feed sprocket by one quarter revolution. It is advisable to use a table lamp or a similar light source and direct its light into the front openings. This will facilitate the correct insertion of the film strip. When the film is inserted correctly, flip the punch lever down and push it downwards fully. Thereby the first picture pair punched. Stop pressing the lever and without lifting it, push the punched pictures from the punch holes with the aid of a suitable tool. Usually the pictures will fall out by themselves.

Then turn the knob by one quarter revolution counterclockwise till the click-stop and punch another picture pair. Go on this way until the whole film is punched. The punch lever must not be lifted throughout this work. After each punching operation, make sure that the punched pictures are pushed out of the punch holes.

Be careful not to mix individual picture pairs during the work. This would mean unnecessary troubles in assorting them later.

The emulsion side of the film is extremely delicate and it can be damaged very easily. Never touch it with hard object or with your fingers. It is best to work wearing clean white nylon or rubber gloves; instead of wearing gloves, tweezers may be used for handling the pictures. This would guard the pictures against damage.

Inserting the pictures into the viewer discs

The stereo picture pairs punched from the film strip are to be inserted into empty viewer discs. These discs can be obtained on the photo market. The correct procedure is as follows: the picture bearing a square mark exposed on its edge is inserted into the side slot of the disc marked by the numeral "one" inside a square frame. The picture with the triangular mark exposed on its edge is inserted into the side slot marked by "one" inside a triangular frame. The same procedure should be followed with slots No. 2 till 7.

The pictures are affected adversely by dust, dirt and sweat. The pictures may be cleaned by the fine brush supplied with the punch. Do not store the stereo discs in warm or humid places and always keep them in protective sleeves.

Keep the punch clean, with special attention to the film track. The punch is a delicate instrument; therefore it requires careful handling. It is especially necessary to guard it against mechanical shocks.



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