

INSTRUCTIONS



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Frame Viewer

GaMi 16 Frame Viewer

The GaMi 16 frame viewer consists basically of an aplanatic loop, the base and two special holders, and serves two ends.

1. Inspection of films, black and white negative or color, obtained with the GaMi 16 camera, in order to select the frames suitable for enlargement or to be mounted into regular projection slides. The selected

frames are identified by a small hole punched on the edge of the film.

2. Viewing of color pictures after they are mounted in the regular 2" x 2" frames.

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Inspection of films

For this use the viewer is assembled as shown in fig. 1.

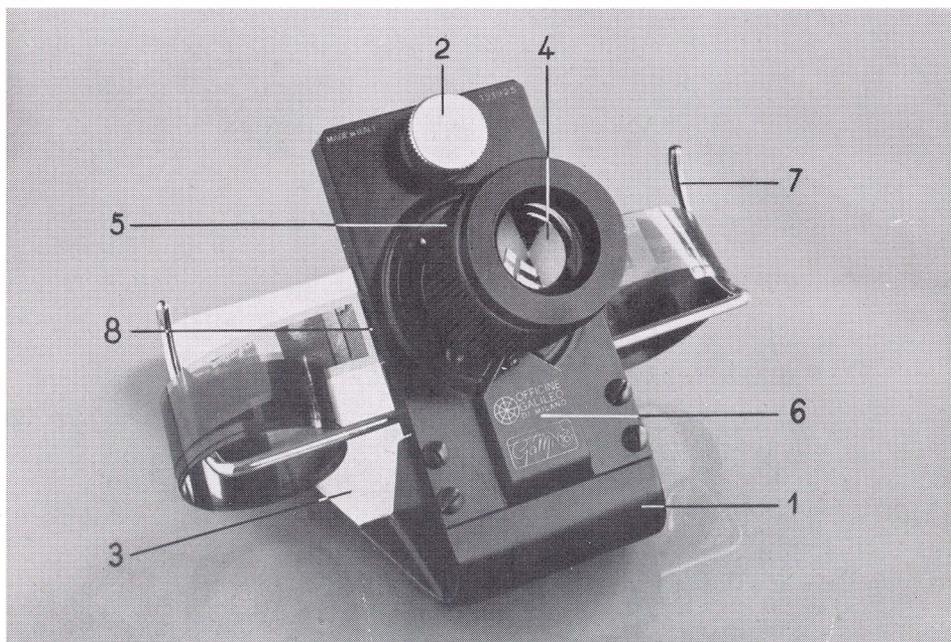


fig. 1

The film holding support visible in fig. 2 is attached to the base (1) by means of thumbscrew (2).

The viewer is set on a table oriented so that the light from a window or a lamp should hit the white surface of the base (3 - fig. 1). The white surface acts as a diffuser permitting a clear, glareless and shadowless observation through lens (4 - fig. 1).

The lens is a Stenheil triple aplanat, highly corrected, of about 7 magnifications, set in a helicoidal mount for focusing.

Plate (6 - fig. 1) operates a small punching head which can punch small moon shaped holes on the edge of the film. To operate the punch it is only necessary to exert a positive pressure on plate (6). This is done every time one sees through the eyepiece a picture worthprinting, enlarging or slide mounting. The advantage of the punching method of tagging the pictures is that the small punched hole can be found also in the dark by touch and is easily projected on the image plane by the GaMi enlarger, so that in any case the selected frames can be easily recognized.

The metal rod (7 - fig. 1) keeps the roller film in place before and after its passage through track (8) of the viewer.

The track is deigned in such a way as not to damage the film during passage. We remind users that it s always wise to sub-

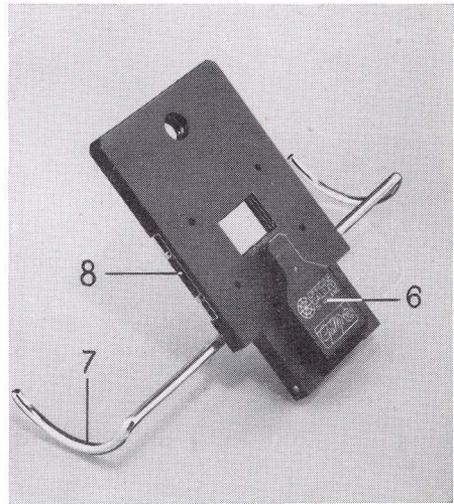


fig. 2

mit film to minimum handling before enlarging or slide mounting to avoid damaging pictures through fingerprints, dust or small scratches.

Vision of color slides

The instrument is set up as in fig. 4, that is, assembling slide holder fig. 3 to the base (1) by means of thumbscrew (2). The slide holder permits observation and prompt substitution of regular slide mounts in the 2"x2" slides.

The first slide is set in the slide track from

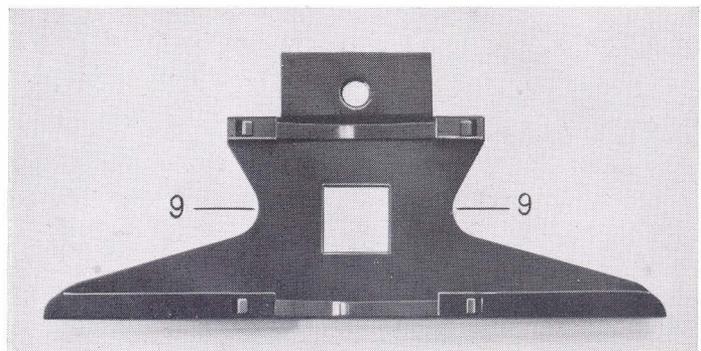


fig. 3

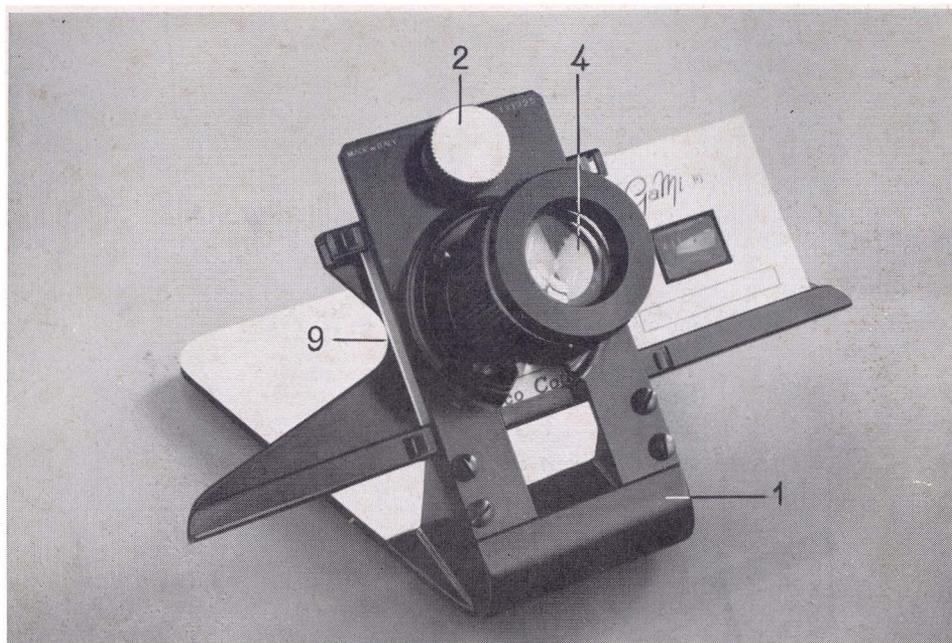


fig. 4

one side and pushed towards the center when it comes under the eyepiece. Edge (9) of the slide track stops finger the moment the slide has reached position allowing picture to be observed through eyepiece (4).

Subsequently, other slides can be pushed into the track one after the other, towards

the center. The slides already viewed are automatically pushed out from the other side and become free.

The viewer has enough power to present to the observer the image of a GaMi frame as one would normally observe a postcard size picture and gives perfect detail with optimum luminosity.

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