

# EXA 1a





## The rapid-action, all-purpose camera that's within everyone's means

Here are three powerful arguments for choosing an EXA I a. Add to these the fact that this is a top-quality miniature single-lens reflex, providing all the advantages and pictorial possibilities of interchangeable lenses and viewfinder systems. Then consider that despite its full technical equipment, the EXA I a is the perfect beginner's camera – easy to operate and designed specially for the amateur user. The unique "standard equipment" EXAKTA system allows you to employ the lenses and most of the accessories of the EXAKTA Varex or EXA II a with the basic EXA I a model, which makes it the perfect second camera for use with these "senior members" of the EXAKTA range.

### EXA I a 24 mm x 36 mm

- Amazingly simple operation.
- The subject is framed and focused on the brilliant, magnified reflex image in the interchangeable viewfinder systems: choice of Finder Hood (giving an upright but laterally reversed image), Penta Prism (image both upright and right-way round) or "Stereflex" Stereo View Finder. A special Fresnel Lens, giving increased image brilliance, is available in place of the standard focusing screen: this also features a split-image rangefinder in the centre of the uniformly-brilliant ground-glass screen and is a wonderful aid to focusing; it can be used in both the Finder Hood and Penta Prism. Through-the-lens reflex focusing ensures complete freedom from parallax discrepancies between reflex image and final photo.
- Interchangeable lenses (also with fully-automatic spring or pressure diaphragms). Special-purpose lenses from 20 mm focal length upwards (with certain long-focus lenses slight shading may occur on the longer sides of the image). Internationally-famous quick-change bayonet lens mounts.
- Special flap shutter (with rapid-wind lever) giving speeds of  $\frac{1}{30}$ ,  $\frac{1}{60}$ ,  $\frac{1}{125}$  and  $\frac{1}{175}$  sec, also B and T settings for brief and long time exposures. Body shutter release with cable-release socket. Shutter release lock. Coupled shutter tensioning and film wind mechanism eliminate double exposures and blank frames. Universal flash contacts with symbol-settings for bulbs and electronic flash units.
- Ever-reliable film transport, either advancing on to take-up spool with rewinding into cassette, or winding from cassette to cassette. Detachable camera back with film pressure plate. Frame counter. Film-type reminder ring.
- Attractive, moulded-to-the-hand light alloy body covered with durable material. All exter-

nal metal components chrome-plated and lacquered. Weight without lens approx. 10 oz. Dimensions of body with Finder Hood closed  $3.5/8 \times 5.3/16 \times 2$  in.

- Extensive range of accessories (with slight limitations on use at ultra-close distances, caused by vignetting on long sides of image). The EXA I a is supplied with a Finder Hood or Penta Prism (both available with either standard ground-glass screen or Fresnel Lens) and one of the following lenses:

Designation, aperture and focal length (mm)	Type of diaphragm <sup>1</sup>	Angle of view (horizontal)	Front-mount diameter for screw-in attachments
Meritar 2.9/50	PSD	45°	M 35.5 × 0.5
Jena T2.8/50	CSD	45°	M 35.5 × 0.5
Dcmiplan 2.8/50	PD	45°	M 49 × 0.75
Jena T2.8/50	FSD	45°	M 49 × 0.75

#### Special lenses for the EXA I a

Flektogon 4/20	FSD	93°	M 77 × 0.75
Flektogon 4/25	FSD	82°	M 77 × 0.75
Lydith 3.5/30	PSD	71°	M 49 × 0.75
Flektogon 2.8/35 <sup>2</sup>	FSD	62°	M 49 × 0.75
Jena Bm 2.8/80	FSD	30°	M 49 × 0.75
Trioplan N2.8/100	PD	25°	M 55 × 0.75
Jena Bm 2.8/120	FSD	21.5°	M 67 × 0.75
Jena S 4/135 <sup>3</sup>	FSD	18.5°	M 49 × 0.75

<sup>1</sup> PSD = pre-set diaphragm; CSD = click-stop diaphragm; PD = fully-automatic pressure diaphragm; FSD = fully-automatic spring diaphragm.

<sup>2</sup> With extra-long helical focusing mount for taking close-ups without special accessories down to 14 inches.

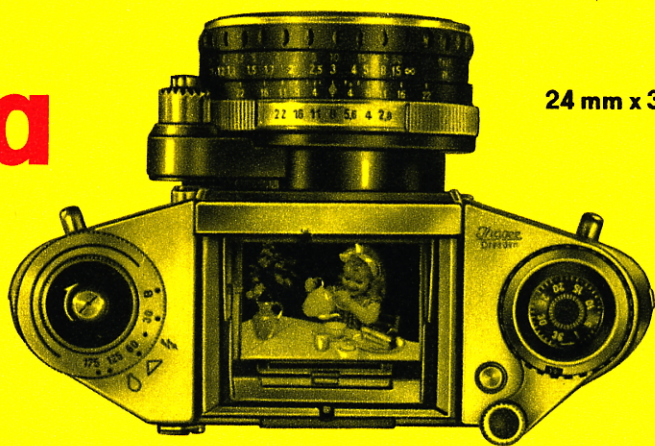
<sup>3</sup> With extra-long helical focusing mount for taking close-ups without special accessories down to 40 inches.

Lens from 80 to 135 mm focal length will give rise to scarcely-noticeable marginal vignetting along the two longer sides of the image area.



# EXA Ia

24 mm x 36 mm





# EXA Ia

## Accessories for the EXA Ia

Leather ever-ready case

Lens Hoods with screw-in mounts: M 35.5×0.5 mm, M 40.5×0.5 mm and M 49×0.75 mm

Giant Release Knob for increasing area of release button

Polarizing filters with screw-in mounts: M 35.5×0.5 mm, M 40.5×0.5 mm and M 49×0.75 mm

Penta Prism

Eyepiece cup for Penta Prism

Accessory shoe for additional equipment (for attachment to Penta Prism), see Fig. 1

Fresnel Lens for Finder Hood and Penta Prism  
Two-in-One Ring for close-ups

Set of Bayonet Adapter Rings and Extensions Tubes (5, 15 and 30 mm), for close-ups, see Figs. 2 und 3

Autocouple Extension Release for taking close-up photographs with fully-automatic lenses, see Figs. 2 and 3

The following components of the Ihagee "Vielzweck" ("Multi-Purpose") unit can be used with the EXA Ia:

Swing Angle Attachment with Sliding Rail, for easy near-focusing when using Bayonet Rings, Extension Tubes and Tripod, see Fig. 3

Copying Stand for copying and close-ups, see Fig. 4

Lighting Equipment for the Copying Stand, see Fig. 4

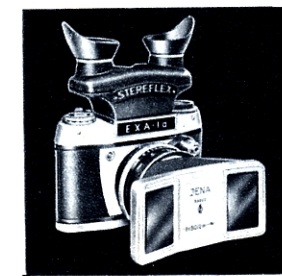
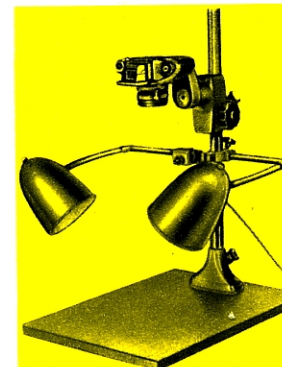
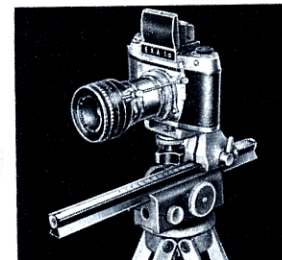
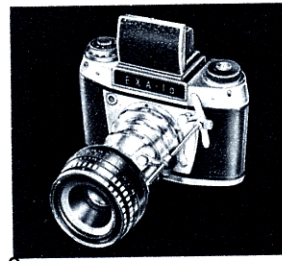
Microscope Adapter, for connecting camera to a microscope

Large Stereo View Finder with 65 mm base ( $\infty$  to 6 1/2 ft)

Small Stereo View Finder with 12 mm base (from 6 1/2 to 6 in.)

"Stereoflex" Stereo View Finder, see Fig. 5

The technical description here given may differ in certain slight particulars from the actual appearance of the camera and its accessories.



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