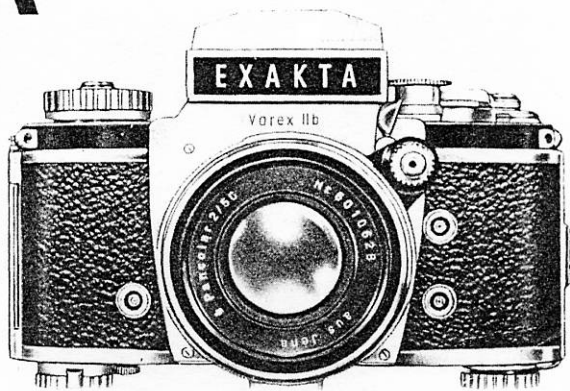




24 mm x 36 mm

# EXAKTA

*Varex II b*



## The camera that has everything, can do anything

In photography, techniques and requirements are continually changing, and a single camera may have to perform one job on one day and a totally different one on the next. If you want to keep abreast of every new approach, then you need a highly-developed miniature reflex like the EXAKTA Varex, the camera that has everything and can do anything. The superiority of this obsolescence-proof camera is based primarily on the complete interchangeability of its lenses, viewfinder systems, focusing screens and accessories, which allow it to be adapted instantly to suit every personal requirement.

### EXAKTA Varex II b 24 mm x 36 mm

- Simple to operate.
- Subject selected and focused by means of the brilliant, magnified reflex image in the interchangeable viewfinder: choice of Finder Hood with upright image, Penta Prism with upright and laterally-correct image, Lens Magnifier or "Stereoflex" Stereo View Finder. To achieve a degree of accuracy greater than that obtained with the ground-glass screen, the Fresnel Lens with Microprism may be used. This screen consists of a Microprism centre, surrounded by the brilliant, evenly illuminated matt surface, and is suitable for Finder Hood, Penta Prism, and Lens Magnifier. Single-lens reflex focusing, ensuring absolute freedom from parallax and uniformity between finder image and final picture.
- Interchangeable lenses with fully-automatic spring or pressure diaphragms. Special-purpose lenses ranging from the super-wide-angle with its focal length of 20 mm right up to catoptric (mirror) lenses of f 1000 mm; lenses from f 20 mm to 180 mm available with fully automatic diaphragms. World-famous quick-change bayonet lens mounts.
- Focal-plane shutter with rapid-wind lever giving shutter speeds from  $\frac{1}{1000}$  sec to 12 seconds (international linear speed scale, i.e.  $\frac{1}{1000}$  sec,  $\frac{1}{500}$  sec,  $\frac{1}{250}$  sec,  $\frac{1}{125}$  sec,  $\frac{1}{60}$  sec, etc.). B- and T-settings for brief and long time exposures. Delayed-action release operates on speeds from  $\frac{1}{1000}$  sec to 6 sec. Body shutter release with cable-release socket, Release lock. Shutter tensioning and film advance are coupled, eliminating unintentional double exposures and blank frames. Three flash syndro-contacts (FP, F, and X) for flashbulbs and electronic flash units.
- Ever-reliable film advance mechanism, either winding the film on to the take-up spool and then rewinding by crank into the original cassette, or from one cassette to another. Hinged camera back with film pressure plate. Frame counter and film-type reminder, plus correct-advance indicator. Film cutting knife.
- Smartly-styled and easy-to-hold body with durable covering. External metal components chrome plated

and lacquer finished. Dimensions of body  $3\frac{5}{8} \times 5\frac{7}{8} \times 2$  in. (92 mm  $\times$  150 mm  $\times$  50 mm), weight without lens  $24\frac{1}{2}$  oz.

- Extensive range of accessories to cater for even the most unusual assignments.

The EXAKTA Varex II b is supplied with Finder Hood or Penta Prism (both available with ground-glass screen or Fresnel Lens) and one of the following three lenses:

Designation, aperture, and focal length in mm	Type of diaphragm <sup>1</sup>	Angle of view (nominal)	Front-mount thread for screw-in lens attachm.
Domiplan f 2.8/50	PD	45°	M 49 $\times$ 0.75
T f 2.8/50 from Jena	FAD	45°	M 49 $\times$ 0.75
Pancolar 1/250 <sup>2</sup>	FAD	45°	M 49 $\times$ 0.75

### Special-purpose lenses for the EXAKTA Varex

Designation, aperture, and focal length in mm	Type of diaphragm <sup>1</sup>	Angle of view (nominal)	Front-mount thread for screw-in lens attachm.
Flektogon f 4/20	FAD	93°	M 77 $\times$ 0.75
Flektogon f 2.8/35 <sup>3</sup>	FAD	62°	M 49 $\times$ 0.75
B f 1.5/75 from Jena	PSD	32°	M 58 $\times$ 0.75
Bm f 2.8/80 from Jena	FAD	30°	M 49 $\times$ 0.75
Trioplan N f 2.8/100	PD	25°	M 55 $\times$ 0.75
Bm f 2.8/120 from Jena	FAD	21.5°	M 67 $\times$ 0.75
Orestor 2.8/135	PSD	18°	M 55 $\times$ 0.75
S f 4/135 <sup>4</sup> from Jena	FAD	18.5°	M 49 $\times$ 0.75
S f 2.8/180 from Jena	FAD	14°	M 86 $\times$ 1
Orestegor f 4/200	PSD	12°	M 58 $\times$ 0.75
S f 4/300 from Jena	PSD	8°	M 77 $\times$ 0.75
Tele-Megor f 5.5/400	PSD	6°	M 82 $\times$ 0.75
Orestegor 5.6/500	PSD	5°	M 118 $\times$ 1
Catoptric (mirror) lens f 4/500 from Jena	No diaphragm	5°	Built-in filter turret
Catoptric (mirror) lens f 5.6/1000 from Jena	No diaphragm	2.5°	Built-in filter turret

<sup>1</sup> PSD = Pre-set diaphragm; PD = Fully-automatic pressure diaphragm; FAD = Fully-automatic spring diaphragm

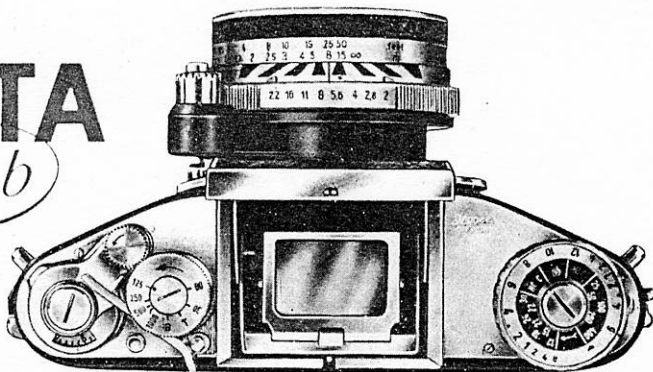
<sup>2</sup> With automatic depth-of-field indicators

<sup>3</sup> With extra-long helical focusing mount for focusing down to 7 inches without close-up accessories

<sup>4</sup> With extra-long focusing mount for focusing down to 40 inches without close-up accessories

# EXAKTA

*Varex II b*



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*Varex II b*

## Accessories

Leader ever-ready case

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

Giant Release Button for enlarging the contact area  
of the shutter release

Polarizing Filters with screw-in thread sizes M 35.5×0.5,  
M 40.5×0.5 and M 49×0.75 mm

Penta Prism

Eye-piece Cup for Penta Prism

Accessory Shoe (for attaching to Penta Prism), see Fig. 1  
Fresnel Lens focusing screen for Finder Hood, Penta  
Prism and Lens Magnifier

Two-in-One Bayonet Adaptor Ring for close-up work  
Set of Bayonet Rings and Extension Tubes (5 mm,  
15 mm, and 30 mm) for close-ups, see Figs. 2 and 3

Autocouple Extension Release for taking close-ups  
with fully-automatic lenses, see Figs. 2, 3, and 4

Miniature Bellows Attachment, for lens extensions  
from 35 mm to 125 mm, see Fig. 4

Ihagee "Vielzweck" (Multi-Purpose) Equipment:

Swing Angle Attachment with focusing bench for  
convenient close-up focusing when using Bayonet  
Rings, Extension Tubes and tripod, see Fig. 3

Large Bellows Attachment with focusing bench,  
extension adjustable from 35 mm to 220 mm, see  
Fig. 5

Transparency Copying Attachment for Bellows  
Attachment, for optical copying, see Fig. 6

Copying Stand and Repro Unit for document  
copying and all close-up photography (camera is  
attached directly to Copying Stand, but used with  
Bellows Attachment on Repro Unit), see Fig. 7  
(Repro Unit)

Lighting Equipment for Copying Stand and  
Repro Unit, see Fig. 7

Microscope Adaptor for connecting camera to a  
microscope, see Fig. 8

Ihagee Macro-Micro Photometer for close-up photo-  
graphy and photomicrography, see Fig. 8

Ihagee RB 1 and RB 2 Ring-Flash Units for close-up  
flash photography, see Fig. 9 (RB 1)

Ihagee Kolpofot (Fig. 9) and Ihagee Endoscope  
Adaptor for taking photographs inside hollow  
vessels and particularly body cavities

Lens Magnifier and Top Lens for close-up work and  
photomicrography, see Fig. 2

Lens Reversal Ring and Adaptor Ring for using  
photomicrographic lenses to take extreme close-ups

A range of useful focusing aids, including special  
focusing screens, plane ground-glass screens,  
screens with lens coverage markings, etc.

The illustrations may differ in certain particulars from the  
actual appearance of the camera and its accessories.

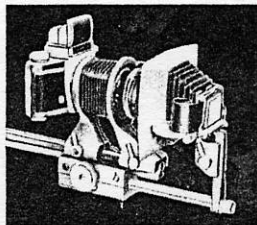
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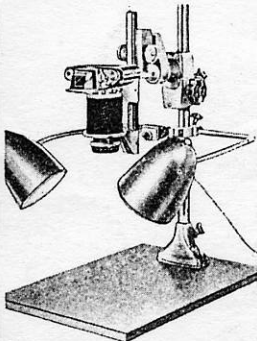
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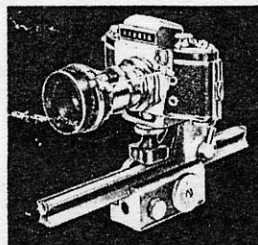
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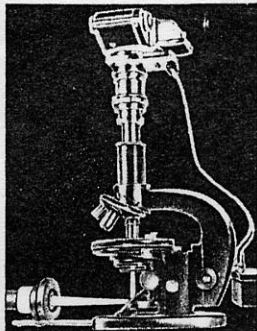
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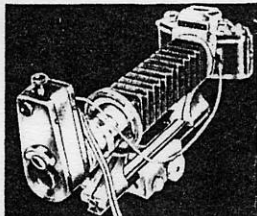
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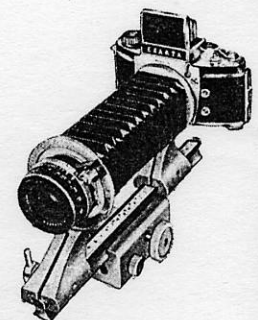
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