



24 mm x 36 mm

# EXAKTA VX 500

# The EXAKTA within the means of all



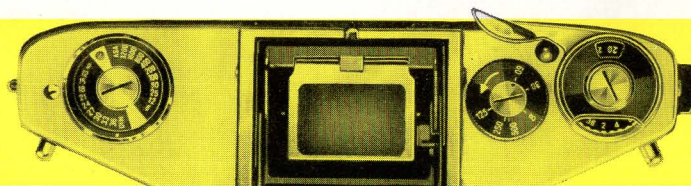
Just like the peak model EXAKTA VX 1000, also the EXAKTA VX 500 comes from the world's oldest special factory. Thus, it offers you the traditional dependability and the partnership with the world-famous EXAKTA System. Despite its greater simplicity in design, the EXAKTA VX 500 permits unrestricted use of all the finder systems, the special-purpose lenses, and the accessory equipment of the peak model. This makes it most attractive as a second camera, but also as an only camera it will meet all your photographic demands since its focal-plane shutter is designed for the most frequently used speeds from  $1/30$  sec. to  $1/500$  sec., as well as for the B setting required for exposures of a longer duration.

Dimensions of body  $93 \times 153 \times 49$  mm ( $3\frac{3}{4} \times 6\frac{1}{8} \times 2$  in.), weight without lens 550 grams (19 $\frac{1}{2}$  oz.)

Wide range of accessories, also for special activities. Ideal partnership of accessories and lenses with the EXAKTA and EXA models, therefore particularly suitable as a second camera.

The EXAKTA VX 500 is supplied either with Finder Hood or with Pentaprism Finder (each of which has a groundglass magnifier or a Fresnel lens), and with one of the three following lenses:

Name of lens, aperture and focal length (mm)	Diaphragm <sup>1</sup>	Image angle (horiz.)	Screw-in front thread
Domiplan 2.8/50	FDP	45°	M 49×0.75
T 2.8/50 from Jena	FSD	45°	M 49×0.75
Pancolar 2/50 <sup>2</sup>	FSD	45°	M 49×0.75



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- Extremely simple operation.
- Picture composition and focusing are performed on the bright, magnified reflex image in the interchangeable viewfinder: either in the finder hood with an upright image, in the pentaprism with upright and laterally correct image, or in the lens magnifier especially designed for close-up and photomicrographic work. Instead of the groundglass magnifier, a Fresnel lens, giving extra image brightness (with micropism focusing field), may be employed in any one of the three viewfinders. Single-lens reflex focusing, thus parallax-free uniformity between finder image and final picture.
- Instant return mirror which jumps back to its reflex position after every exposure. Except for the moment of the exposure, the finder image is permanently visible. When the shutter has been released, a red signal in the viewfinder reminds the user to cock the shutter and advance the film again.
- Interchangeable lenses with world-famous quick-change bayonet mounts, with fully-automatic spring or pressure diaphragms.

Special-purpose lenses, from the super-wide-angle with 20 mm focal length to the 1,000 mm Catoptric lens (from 20 mm to 300 mm focal length with fully-automatic spring diaphragm).

- Focal-plane shutter (with rapid wind) for speed settings from  $1/30$  sec. to  $1/500$  sec., also B setting for short and long time exposures. Body shutter release with cable release thread.
- Shutter release lock. Shutter wind coupled with film advance mechanism to prevent double exposures and blank frames. Two flash sockets (F and X) for bulbs and electronic flash units.
- Dependable film guide mechanism: Film is either advanced to take-up spool and rewound by rewind crank or transported from one cartridge to another. Lockable rewind release knob. Exposure counter. Check dial for film transport. Two dials marking type of film and speed of film. Hinged camera back with film pressure plate.
- Attractively designed, easy-to-hold light-alloy body with durable covering. Outer metal parts chrome-plated and lacquer-finished.

Special-purpose lenses for the EXAKTA VX 500

Name of lens, aperture and focal length (mm)	Diaphragm <sup>1</sup>	Image angle (horiz.)	Screw-in front thread
Flektogon 4/20	FSD	93°	M 77×0.75
Lydith 3.5/30	PD	71°	M 49×0.75
Flektogon 2.8/35 <sup>3</sup>	FSD	62°	M 49×0.75
B 1.5/75 from Jena	PD	32°	M 58×0.75
Orestor 2.8/100	CS	25°	M 49×0.75
Orestor 2.8/135	PD	18°	M 55×0.75
S 4/135 from Jena <sup>4</sup>	FSD	18.5°	M 49×0.75
S 2.8/180 from Jena	FSD	14°	M 86×1
Orestegor 4/200	PD	12°	M 58×0.75
Orestegor 4/300	PD	8°	M 95×1
S 4/300 from Jena	FSD	8°	M 86×1
Orestegor 5.6/500	PD	5°	M 118×1
Catoptric lens 4/500 from Jena	no diaphragm	5°	Built-in filter turret
Catoptric lens 5.6/1000 from Jena	no diaphragm	2.5°	Built-in filter turret

<sup>1</sup> CS = click stops, PD = pre-set diaphragm, FDP = fully automatic pressure diaphragm, FSD = fully automatic spring diaphragm.

<sup>2</sup> With automatic depth-of-field indicator.

<sup>3</sup> With extra-long helical thread for close-up focusing down to 0.18 m (7 $\frac{1}{4}$  in.) without special accessories.

<sup>4</sup> With extra-long helical thread for close-up focusing down to 1.0 (40 in.) without special accessories.



Leather Everready Case

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

Giant Release Button for increasing the contact area of the release knob

Finder Hood and Pentaprism Viewfinder

Flexible Eye Cup for pentaprism viewfinder

Accessory Shoe (for attachment to pentaprism viewfinder)

Fresnel Lens for finder hood, prism viewfinder and lens magnifier

Two-in-One Ring for close-up pictures

Set of Bayonet Adapter Rings and Extension Tubes (5 mm, 15 mm and 30 mm) for close-ups, Fig. 1 and 2

Autocouple Extension Release for close-up work with fully automatic lenses, Fig. 1, 2 and 3

Miniature Bellows Attachment, extension range 35 mm to 125 mm, Fig. 3

EXAKTA "Vielzweck" (Multi-Purpose) Equipment:  
Swing Angle Attachment with focusing slide for convenient close-up focusing when using Bayonet Adapter Rings, Extension Tubes and Tripod, Fig. 2  
Large Bellows Attachment with focusing slide (extension range 35 mm to 220 mm), Fig. 4  
Transparency Copying Equipment for use with Bellows Attachment, for optical copying, Fig. 5

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Copying Stand and Repro Unit for photo-copying and close-up work (Copying Stand for direct attachment of the camera, Repro Unit in combination with the Bellows Attachment), Fig. 6

Repro Unit Lighting Equipment for Copying Stand and Repro Unit, Fig. 6

Microscope Attachment for connecting the camera to a microscope, Fig. 7

Telescope Adapter for connecting the camera to a telescope in astro-photography

Spectroscope Connecting Ring and Spectroscope Connecting Shell for use in spectro-photography

EXAKTA Macro-Micro Photometer for close-up photography and photomicrography, Fig. 7

EXAKTA Ring-Flash Units RB 1 and RB 2 for close-ups, Fig. 8 RB 1 Fig. 9 RB 2

EXAKTA Kolpofot (Fig. 8) and EXAKTA Endoscope Adapter for photographing the interior of cavities, especially those of the body

Lens Magnifier and Top Lens for close-up and photomicrographic work, Fig. 1

Lens Reversal Ring and Adapter Ring for photomicrographic lenses in extreme close-up work

Important focusing aids, e.g. Special Focusing Screens, Plane Groundglass Screen, Groundglass Magnifier with guide lines

The illustrations may in some cases differ slightly from the current design of the camera and its accessories.