

through-the-lens metering prism finder  
for cameras of the Exakta System.

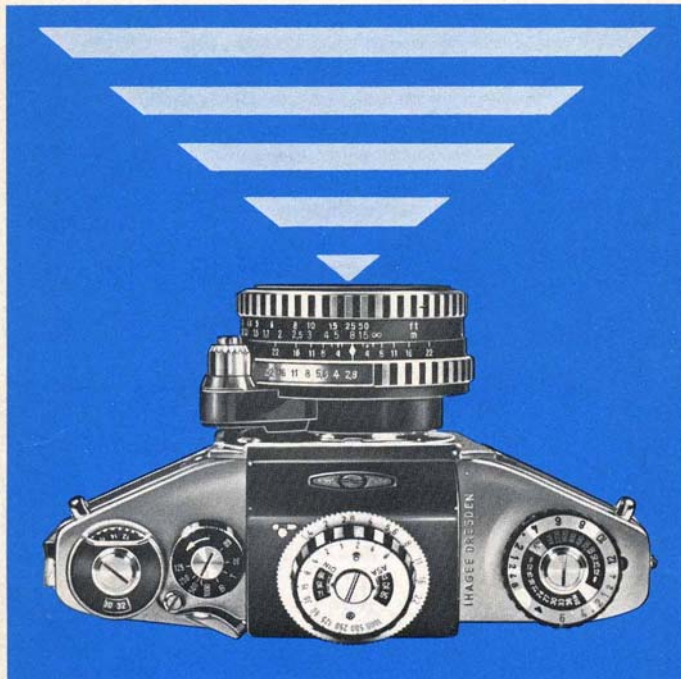
**EXAMAT**



Harwix Berlin

The EXAMAT through-the-lens metering prism is an ingenious combination of a penta prism viewfinder and an exposure meter as well as an important accessory for your Exakta or Exa I, which fully utilises the potential inherent in this type of camera.

The EXAMAT is interchangeable with the normal



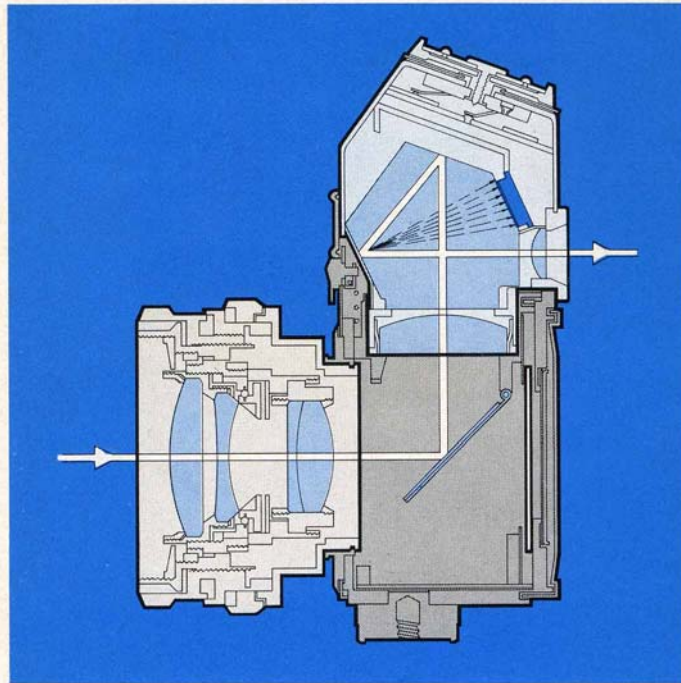
viewfinder. The viewfinder image is upright and laterally-correct, focusing is done through a micro-grid Fresnel lens screen.

**The EXAMAT through-the-lens metering prism enables the exposure time to be determined with almost computer-like accuracy since its operation is based on light measurement through-the-lens (TTL).**

The sectional drawing illustrates the path of a ray of light within the EXAKTA camera. Passing through the lens, light is reflected from the mirror to the penta

prism via the microgrid Fresnel lens screen. In the penta prism the light of ray is refracted several times and emerges again through the viewfinder eyepiece.

The light is measured by a cadmium sulfide (CdS) photoelectric cell which is mounted directly at the penta prism. The power supply is a Mallory PX 13 button battery.



The image angle of the lens is at the same time the measuring angle for the meter. No matter whether you take your photographs with a wideangle or long-focus lens, with extension-increasing accessories or with light-absorbing filters, all these factors are automatically allowed for by the EXAMAT, thus saving you time and tedious calculations.

Three measuring methods ensure full control of every photographic situation. The measuring range of the EXAMAT covers 13 exposure factors. Each shutter speed from  $1/1000$  s to 8 s can be combined with each f-stop number from 22 to 1.4. Film speeds can be set from 9 to 33 DIN or from 6 to 1600 ASA.

In every field of application the technical procedure is substantially simplified. Despite the high degree of accuracy you can achieve with the EXAMAT, you work faster and more easily so as to be able to turn your full attention to the creation of your photographs.

**See and test this brand-new  
EXAMAT at your photo dealer's.**



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