

# RAPTARS

FOR THE PROFESSIONAL, COMMERCIAL, NEWS  
PHOTOGRAPHER AND ADVANCED AMATEUR



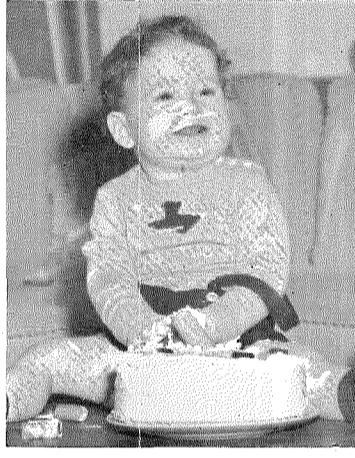
**PORTRAITURE.** Portraiture of today involves two distinct but basic types of photography—crisp, sharp negatives and soft, muted results. The Series II Raptar is a cutting lens for sharp effects. For softer effects the Portrait Veritar is recommended. For both types of portraiture, the 9½" F lens should be used on split 5x7" m, the 11½" F on full 5x7 or 8x10 film for full figure v.

**ACTION AND CANDID PHOTOGRAPHY.** Ideal for news and feature photography, sports, industrial, and other unposed action shots, the Raptar Series II offers important factors of speed and excellent covering power. These lenses can be fitted to popular press-type cameras. For synchronized flash, they should be mounted in Wollensak high-speed full synchronmatic Rapax Shutters.



**PICTORIAL PHOTOGRAPHY.** Crisp, brilliant images, edge-to-edge sharpness, and fine shadow detail obtained with the Raptar Series II are of primary importance to the professional. For full-color work, Raptar's fine corrections and anti-reflecting hard coating result in well-defined true colors.

**COMMERCIAL PHOTOGRAPHY.** Longer focal length lenses in the Raptar Series II provide the true perspective essential to top-quality commercial assignments. Satisfactory depth of field for more exacting requirements can be obtained at the smaller apertures.

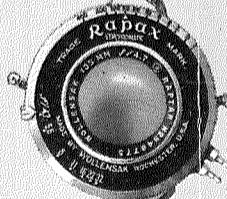


**COPYING.** Its flat field readily adapts the Raptar Series II for most copy work. Surprisingly short exposures are necessary for faithful reproduction of fine detail and true gradation of tones. The Raptar Apochromatic Process lens is recommended for extremely critical copy work.

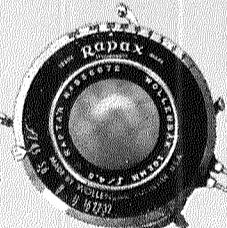
**WOCOTING.** Image contrast and brilliance... sharp detail... pure, rich color reproduction are made possible by Wollensak's patented anti-reflection hard coating, WOCOTE. To reduce internal reflections, bouncing light and flare, WOCOTE is used on every Raptar lens.



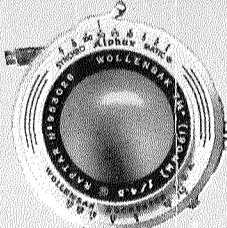
4" 101mm f/4.5



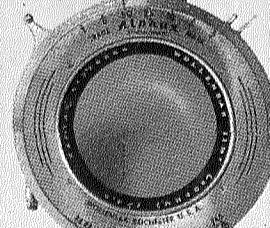
5½" 135mm f/4.7



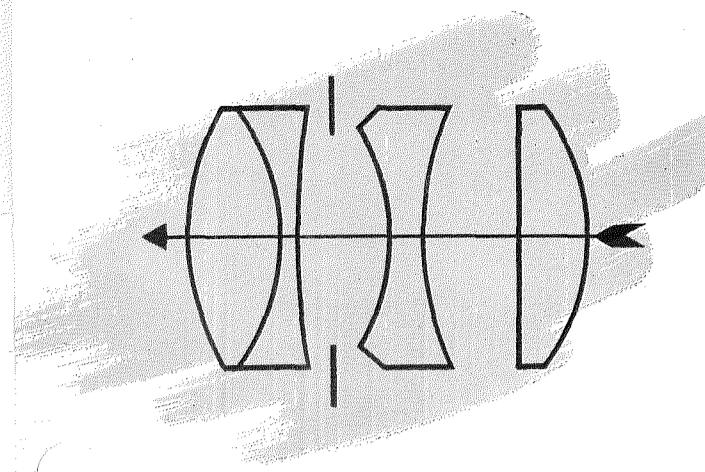
6½" 162mm f/4.5



7½" 190mm f/4.5



11½" 302mm f/4.5



The name *Wollensak* appears on lenses and shutters of many finer cameras, ranging from 35mm to larger press and view cameras. Obviously, since lens and shutter play so important a role in a camera's performance, leading camera manufacturers who select *Wollensak* lenses and shutters do so only after extensive tests. When you buy a camera, look for the name *Wollensak*—your guarantee of superb optical and mechanical performance.

As a professional photographer you are acutely aware of the superb craftsmanship and technical precision quality possible only with top-grade raw material. In addition to a Rapax lens, you appreciate the precision inspection that goes into every Rapax Series II lens. You understand the importance of quality control and selection that goes into every Rapax Series II lens. You are a professional photographer why one lens is better than another.

## RAPAX MAKES THE DIFFERENCE . . .

### SPECIFICATIONS

Film Size Inch	Inch	Equiv. Focus mm	Barrel	Rapax*	Alphax*
1 x 1 1/2	2	50	x	x	
1 1/8 x 2 1/2	3	75	x	x	
2 1/4 x 3 1/4	3 1/2	90	x	x	
2 1/4 x 3 1/4	4 1/2	114	x	x	x
3 1/4 x 4 1/4	5	127	x	x	x
4 x 5	5 3/8	135	x	x	x
4 x 5	6 9/16	162	x	x	x
5 x 7	7 1/2	190	x	x	x
5 x 8	8 1/4	210	x	x	x
6 1/2 x 8 1/2	9 1/2	241	x	x	x
8 x 10	11 1/8	302	x	x	x

\*Available in synchromatic and non-synchromatic shutters

**MOUNTED IN BARREL.** Wollensak lens barrels are made with the same careful construction that marks all Wollensak precision products. Perfect concentricity of every lens barrel is guaranteed. Each barrel is supplied with iris diaphragm of special non-warping, durable metal.

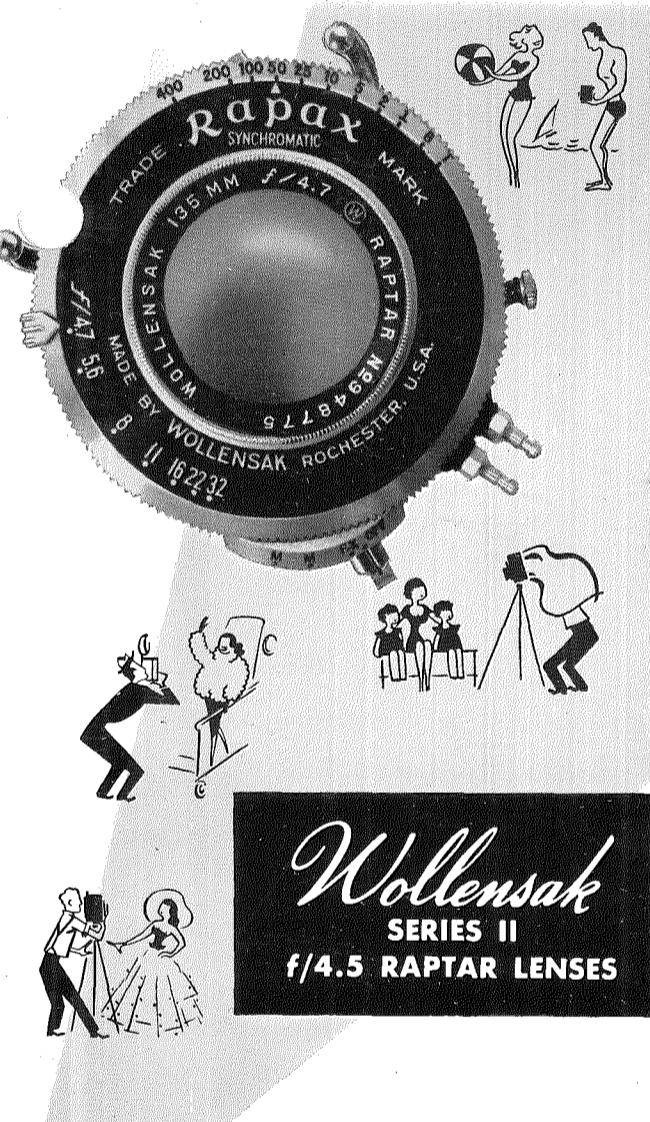
**MOUNTED IN RAPAX SHUTTER.** Professional and press photographers demand the accuracy and dependability they can rely on with a Rapax shutter. Rapax shutters are available in three models—"Rapax X" Synchromatic for "X" type (0 delay) electronic high-speed lamps at any shutter speed; Rapax Non-Synchromatic, a fully satis-

factory shutter with flash equipment for solenoid synchronization; Rapax Full Synchromatic for completely automatic synchronization with high-speed lamps (0 delay) Class M and Class F lamps.

**MOUNTED IN ALPHAX.** Available in non-synchromatic as well as synchromatic models, the Alphax is ideal for use with lenses of longer focal lengths, as well as with shorter focal length lenses when high shutter speeds are not required.

Because of the limitations of certain camera bodies, lens boards, etc., it is suggested that you ask your dealer to assist you in fitting these lenses to your camera. These lenses are primarily designed for press or other type cameras using lens boards.

**Wollensak**  
MEANS FINE LENSES  
OPTICAL COMPANY  
ROCHESTER 21, N. Y.



**Wollensak**  
SERIES II  
f/4.5 RAPTALENSSES

Form No. 25M352LH

PRINTED IN U.S.A.