

Photographic
Lenses
and
Shutters

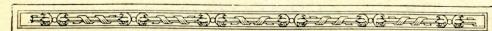
Wollensak Optical Company
Rochester, N. Y.

C 29747

Photographic
Lenses and Shutters
and other
Optical Products

1926—1927

WOLLENSAK
OPTICAL COMPANY
Rochester, New York U.S.A.



For Better Photographs



WITH consistent earnestness and ambition to meet the new day demands in photography, we have developed a line of photographic lenses that is complete for every need. The skillful precision and care that enter into the manufacturing of each lens permits us to offer unsurpassable quality. Only high grade artisans, best materials and the finest optical glass procurable enter into the making of Wollensak lenses.

For more than a quarter century Wollensak lenses have occupied a conspicuous position in the field and are in constant use by the better photographers throughout the world who manifest keen delight and complete satisfaction.

As the quality in a lens contributes greatly to the distinctiveness of the finished photograph, intelligent care should be used in selecting a lens that is best suited for the purpose. As specialists in photographic lenses and shutters, we solicit the opportunity of making recommendations and serving your requirements.

The Triple-convertible, triple-anastigmat



VELOSTIGMAT

Series Ia f6.3-f7.7

THREE fine anastigmats in one. Both the long-focus single elements may be used alone, and they, like the doublet, are fully corrected anastigmats. The triple-convertible feature is of infinite value in obtaining telephoto effects, better perspective, or a larger image from a given point of view.

The commercial photographer or advanced amateur who wants the maximum of convenience and versatility, will find the Series Ia a mighty fine investment, for in buying it he obtains three perfect anastigmats for little more than the price of one.

No.	Size	Equiv. Focus Inch	Front Focus Inch	Rear Focus Inch	Speed f.	In Barrel	In Betax
1	3 1/4 x 4 1/4	4 3/4	8 1/4	8 1/2	6.3	\$43.50	\$45.50
1a	3 1/4 x 4 1/4	5 1/8	10	8 1/4	6.8	47.50	49.50
2	4 x 5	5 3/4	10	10	6.3	50.00	54.00
2a	4 x 5	5 3/4	12 3/4	8 1/4	7.7	52.50	56.50
2b	4 x 5	6 1/2	12 3/4	10	6.8	55.00	59.00
3	5 x 7	7	15 1/2	10	7.7	63.50	70.50
3a	5 x 7	7 1/4	12 3/4	12 3/4	6.3	61.50	68.50
3b	5 x 8	8 1/4	15 1/2	12 3/4	6.8	72.00	78.00
3c	5 x 8	8 3/4	20	12 3/4	7.7	77.50	83.50
4	6 1/2 x 8 1/2	9	15 1/2	15 1/2	6.3	75.00	81.00
4a	6 1/2 x 8 1/2	10	20	15 1/2	6.8	95.00	101.00
4b	6 1/2 x 8 1/2	11	25 1/2	15 1/2	7.7	105.00	111.00
5	8 x 10	11 1/2	20	20	6.3	110.00	116.00
5a	8 x 10	13	25 1/2	20	6.8	120.00	126.00
6	10 x 12	14	31	20	7.7	145.00	151.00
6a	10 x 12	14 3/4	25 1/2	25 1/2	6.3	160.00	169.00
7	11 x 14	16 1/4	31	25 1/2	6.8	170.00	179.00
7a	11 x 14	17 1/2	31	31	6.8	185.00	194.00

(Continued on page 17)



VELOSTIGMAT

Series II f4.5

FOR general-purpose work in the studio, for use in home portraiture, for speed work with the reflecting type of camera, the Series II is pre-eminent.

Studio workers find that its perfectly flat field helps in photographing standing figures and groups. Home portrait photographers like its compact construction. However, for portrait work, where the best perspective is desired, it would be advisable to select a Series II Velostigmat a size larger than the plate for which it is listed.

The Series II is very versatile, and its usefulness is not confined to portrait work alone. It is admirable for copying and enlarging, and is even suitable for commercial and view work when slightly stopped down.

A diffusing device on the five largest sizes adds to its usefulness.

No.	Size	Equiv. Focus	In Barrel	In Studio	In Betax	In Optimio
0	2 $\frac{1}{4}$ x 3 $\frac{1}{4}$	3 $\frac{1}{2}$ in.	\$34.00		\$36.00	
1	3 $\frac{1}{4}$ x 4 $\frac{1}{4}$	5 in.	37.50		41.50	\$46.50
2	4 x 5	6 in.	42.00		49.00	51.00
3	5 x 7	7 $\frac{1}{4}$ in.	52.50		58.50	63.50
3A	5 x 8	8 $\frac{1}{4}$ in.	67.50		76.50	81.00
4	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	9 $\frac{1}{2}$ in.	105.00		111.00	115.50
5	8 x 10	12 in.	140.00	\$146.50	149.00	
6	10 x 12	14 in.	185.00	190.00		
7	11 x 14	16 in.	240.00	245.00		
8	14 x 17	19 $\frac{1}{2}$ in.	365.00	366.00		



VELOSTIGMAT

Series III f9.5

A WIDE angle lens is an absolute necessity to the studio or photographic organization endeavoring to maintain a complete photographic service. With a lens of this type it is possible to obtain satisfactory photos of buildings in narrow streets, interiors, banquet groups, and all work in confined space with virtually no distortion.

Being a corrected anastigmat it gives excellent definition over the entire plate for which it is listed, covering an angle of 90 degrees. Stopping down is only necessary to increase depth of focus.

The exceptional speed of the Series III Velostigmat is a mighty fine asset for focusing in dimly lighted interiors, for making snapshots out of doors and for flash light work.

Finely corrected and attractively finished, the Series III Wide Angle Velostigmat constitutes a mighty fine investment for the progressive studio or commercial photographer.

No.	Plate Covered at f 9.5	Equivalent Focus	In Barrel	In Betax Shutter
3	5 x 7	4.3 in.	\$43.50	\$47.50
4	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	5.4 in.	50.00	54.00
5	8 x 10	6.25 in.	55.00	71.00
7	11 x 14	9 in.	100.00	106.00

Finely-corrected and moderately priced



VELOSTIGMAT

Series IV f6.3

THAT we are able to offer as fine a lens as the Series IV so reasonably is indeed a tribute to modern manufacturing methods.

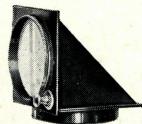
The Series IV Velostigmat is a perfectly corrected anastigmat, sharply covering the plate for which it is listed at full aperture and working at the high speed of f6.3. It is suitable for commercial, architectural, landscape and view work and home portraiture where the lighting is good. For copying and enlarging the Series IV Velostigmat is a consistent producer of results.

This lens in the smaller sizes can be supplied in cells or in Wollensak shutters for fitting to practically all makes of hand cameras. There is no charge for this fitting.

Where speed or convertibility are not required, this lens would make an excellent choice.

No.	Size	Equiv. Focus	In Cells	In Barrel	In Betax	In Optimo
0	$2\frac{1}{4}x$ $3\frac{1}{4}$ $1\frac{1}{2}x$ $2\frac{1}{2}$	$3\frac{1}{2}$ in.	\$12.50	\$20.50	\$22.50	
1	$3\frac{1}{4}x$ $4\frac{1}{4}$ $2\frac{1}{2}x$ $4\frac{1}{4}$	5 in.	13.50	21.50	23.50	\$28.50
2	4 x 5	$5\frac{3}{4}$ in.	14.50	22.50	26.50	31.50
	$2\frac{7}{8}x$ $4\frac{7}{8}$					
2A	$3\frac{1}{4}x$ $5\frac{1}{2}$	$6\frac{1}{2}$ in.	15.00	23.00	27.00	32.00
3	5 x 7	$7\frac{1}{4}$ in.		32.50	39.50	41.50
4	$6\frac{1}{2}x$ $8\frac{1}{2}$	$9\frac{1}{2}$ in.		50.00	56.00	61.00
5	8 x 10	12 in.		70.00	79.00	83.50

The lens of precision for photo engraving, copying, etc.



Velostigmat
Process f10
and Prisms

THE exceptional chromatic qualities of the Velostigmat Process make it ideal for four-color process work when used at smaller apertures. The precision anastigmatic corrections adapt it admirably to all line and half-tone work where extreme precision is desired.

Although designed for the photo engraver, this lens should also interest commercial photographers because its flat field, even illumination and perfect covering power answer the need for ideal copying, enlarging, reducing, etc.

The front lens cell is threaded to receive the Wollensak prisms which are supplied in the sizes listed below. These prisms are accurately ground and polished and made of the finest imported glass.

All Process lenses are slotted for waterhouse stops, with revolving rings to cover them when not in use.

No.	Equiv- alent Focus	Speed	Plates Covered for Re- duction	Plates Cov'd for full Size Copy	Price	Size of Prism to fit	Price of Prism
4	$10\frac{1}{4}$ in.	f 10	$6\frac{1}{2}x8\frac{1}{2}$	10x12	\$84.50	2 in.	\$80.00
5	$12\frac{3}{4}$ in.	f 10	8 x 10	11x14	112.50	2 in.	60.00
6	$15\frac{1}{2}$ in.	f 10	10 x 12	12x15	135.00	$2\frac{1}{2}$ in.	67.50
7	18 in.	f 10	12 x 15	14x17	157.50	3 in.	100.00
9	25 in.	f 10	16 x 20	20x24	225.00	$3\frac{1}{2}$ in.	120.00
10	30 in.	f 16	20 x 24	24x30	326.50	4 in.	175.00
						$4\frac{1}{2}$ in.	250.00



EXTREME WIDE ANGLE

Series IIIa f12.5

ALTHOUGH comparatively new the Series IIIa Extreme Wide Angle has gained a host of friends.

Its speed, extreme angle, reserve covering power and moderate price, offer a combination of qualities that should prove of real interest to the commercial photographer. For banquet camera work where space is limited and a short focus lens required, the Series IIIa will make a strong appeal.

The Series IIIa has an angle of view of 90 degrees and gives good definition at full aperture; wiry sharpness available when the diaphragm is stopped down (which is essential for depth of focus). Because of its large circle of illumination this lens can be used on a plate a size larger than listed by stopping down the diaphragm which then affords an angle of approximately 100 degrees.

No.	Size	Larger Plates Smaller Stops	Equiv- alent Focus	In Barrel	In Betax Shutter
3	5 x 7	6½x 8½	4½ in.	\$23.50	\$27.50
4	6½x 8½	8 x 10	5½ in.	30.00	36.00
5	8 x 10	10 x 12	6½ in.	33.50	39.50
6	10 x 12	11 x 14	7½ in.	42.00	48.00
7	11 x 14	14 x 17	9 in.	52.50	58.50
8	14 x 17	17 x 20	11 in.	65.00	74.00
9	17 x 20	20 x 24	13 in.	80.00	89.00



VARIUM

Portrait and Group f3.5-f4

FOR those who do not find a demand for extremely sharp portraits or who do not want soft focus, the Varium is a happy compromise. At full opening it produces a negative that is firm enough in quality to suit anyone, yet soft enough to eliminate considerable retouching. It is free from halation and double lines.

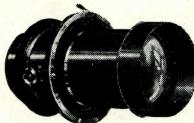
Group work requires a sharp cutting lens. With the diaphragm stopped to approximately f6.8, depth of focus and anastigmat quality are afforded, giving excellent definition over the entire plate.

The Varium is made in the long focal lengths that render large images without necessarily working too close to the subject, giving a pleasing perspective and true-to-life quality.

For child photography the Varium is an admirable selection. The ultra rapid speed permits fast exposures in the studio or home.

Equipped with 9x9 or 10x10 front board and lens hood.

No.	Size	Diaphragm Focus	Speed	In Studio
4	6½x 8½	14 in.	f 3.5	\$140.00
5	8 x 10	16 in.	f 3.5	150.00
7	11 x 14	19 in.	f 4	165.00



VITAX

Portrait f3.8

WHILE the Vitax is not a general-purpose studio lens like the Series II, it is particularly suited to portrait work and child photography.

In making child portraits and baby pictures speed of lens is all-important. The Vitax works at f3.8—a practical speed for a portrait lens. With this rapidity, snapshot exposures in the studio are entirely practical.

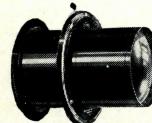
Vitax portraits, particularly large heads and busts, have a rounded, standing-out quality that is life-like and beautiful. This effect is due in part to the improved Petzval formula of the lens. Of value, too, to the portrait photographer is the diffusing device which gives a slight softness when desired.

If your light is poor, your negatives under-timed; if you desire a nicer quality in your portraits; if you want certain success in photographing the youngsters—consider the Vitax Portrait f3.8.

No.	Focus	Lens Diam.	Speed	In Barrel	In Studio Shutter
3	10 in.	3 in.	f 3.8	\$105.00	\$110.00
4	13½ in.	3½ in.	f 3.8	135.00	140.00
5	16 in.	4½ in.	f 3.8	185.00	186.00
7	20 in.	4½ in.	f 5	200.00	201.00

VITAX EXTENSION LENS

to be used with 16" focus, increasing focus to 20", \$57.50



VERITO

Diffused Focus f4

A PIONEER among soft focus lenses, the Verito has contributed greatly to the advancement of pictorial phase of photography.

Any degree of softness or sharpness may be obtained by simply changing the diaphragm. Definition is not destroyed, but pleasingly subdued so that retouching is practically eliminated. The long-focus rear element may be used alone. In enlarging, too, it gives beautiful results.

There is a Verito to fit practically every studio, view, Graflex and hand camera. Let us tell you the lens for your camera.

The Verito improves on acquaintance, and the longer you use it, the more delighted you will be with its infinite possibilities.

No.	Size	Equiv. Focus	Rear Focus	In Barrel	In Studio	In Betax
*A	3½ x 4½	5 in.	10 in.	\$22.50		\$24.50
*B	4 x 5	6½ in.	14 in.	25.00		29.00
1	3½ x 4½	6½ in.	10 in.	28.50		34.50
2	4 x 5	7½ in.	11 in.	32.50		41.50
3	5 x 7	8½ in.	14 in.	42.50		53.00
4	6½ x 8½	11½ in.	20 in.	60.00	\$65.00	
5	8 x 10	14½ in.	24 in.	85.00	90.00	
7	11 x 14	18 in.	30 in.	110.00	111.00	

VERITO EXTENSION LENS

to be used with 18 in. focus, increasing focus to 22½ in., \$20.00. Special Speed and focal length, 3 in. or shorter, \$22.50 in barrel; 5 in. or shorter, \$25.00 in barrel.

* Sizes A and B speed f6, all others f4.

VOLTAS f8

WHERE high speed and fine corrections are not essential, the inexpensive Voltas will adequately serve the purpose. It is an all-round lens, particularly adapted to landscape, view and commercial work. While fair detail is rendered at full opening, the Voltas must be stopped down in order to insure sharp definition to the extreme corners of the plate. The Voltas is convertible, the single elements may be used alone with smaller stops.

No.	Size	Equivalent Focus	In Barrel	In Betax Shutter
1	3 $\frac{1}{4}$ x 4 $\frac{1}{4}$	5 in.	\$11.00	\$13.00
2	4 x 5	6 $\frac{1}{2}$ in.	11.50	15.50
3	5 x 7	8 in.	13.00	17.00
4	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	10 $\frac{1}{2}$ in.	19.00	25.00
5	8 x 10	12 $\frac{1}{2}$ in.	26.00	35.00
6	10 x 12	16 in.	44.00	50.00
7	11 x 14	18 $\frac{1}{2}$ in.	48.00	57.00

WOLLENSAK RAY FILTER

THE Wollensak ray filter requires but three times normal exposure and will produce beautiful results in cloud, landscape and flower studies, as well as in commercial work.

No.	Will Fit Lens Mounts from	Price	No.	Will Fit Lens Mounts from	Price
1	1 $\frac{5}{8}$ in. to 1 $\frac{13}{16}$ in.	\$2.50	6	2 $\frac{7}{8}$ in. to 2 $\frac{5}{8}$ in.	\$4.50
2	1 $\frac{15}{16}$ " " 1 $\frac{3}{4}$	2.75	7	2 $\frac{1}{16}$ " " 3 "	5.25
3	1 $\frac{15}{16}$ " " 1 $\frac{3}{4}$	3.00	8	3 $\frac{1}{16}$ " " 3 $\frac{1}{2}$ "	6.75
4	1 $\frac{13}{16}$ " " 2 "	3.50	9	3 $\frac{9}{16}$ " " 4 $\frac{1}{8}$ "	7.50
5	2 $\frac{1}{16}$ " " 2 $\frac{5}{16}$ "	3.75	10	4 $\frac{3}{16}$ " " 4 $\frac{5}{8}$ "	9.00



BETAX GAMMAX DELTAX



FOR those who require extreme accuracy in exposures and simple sturdy construction to withstand hard usage, these improved shutters will make a strong appeal.

An outstanding feature in this new line of shutters is our gearless, pumpless retarding mechanism which is simple in construction and positive in action assuring accurate and unvarying speeds.

Metal diaphragm leaves and shutter blades are incorporated in these models which are ideal for enlarging where heat is intense.

The Betax, Gammax and Deltax shutters are automatic in operation and can be released either with the cable release, or bulb and hose, (with the aid of a bulb attachment). Finished in black lacquer with gold engravings.

*Betax Time Bulb, 1-100, 1-50, 1-25, 1-10, 1-5, 1-2
Gammax, Time Bulb, 1-100, 1-50, 1-25, 1-10
Deltax Time Bulb, 1-100, 1-50, 1-25

*Maximum speed of three larger Betax shutters is 1-50 second.

No.	Light Opening	Lens Opening	Betax	Gammax	Deltax
0	$\frac{9}{16}$ in.	$\frac{17}{32}$ in.	\$10.00	\$4.00	\$3.50
1	$\frac{3}{4}$ in.	$1\frac{1}{16}$ in.	10.00	5.00	4.50
2	1 in.	$1\frac{1}{2}$ in.	12.00	6.00	
3	$1\frac{3}{8}$ in.	$1\frac{25}{32}$ in.	15.00		
4	$1\frac{3}{4}$ in.	$2\frac{3}{8}$ in.	18.00		
5	$2\frac{1}{4}$ in.	$2\frac{25}{32}$ in.	22.50		

OPTIMO SHUTTER

THE utility of any high speed anastigmat is increased by having it fitted with a shutter that has ultra rapid exposures necessary for speed photography.

The Optimo shutter in addition to T. and B. exposures has a range of speeds varying from 1 to 1-300 second. It is a setting type of shutter, and the revolving action of the leaves affords maximum illumination and speed. Finished in black lacquer with gold engravings.

No.	Light Open'g	Lens Open'g	Price	No.	Light Open'g	Lens Open'g	Price
1	$\frac{3}{4}$ in.	$1\frac{1}{8}$ in.	15.00	2	1 in.	$1\frac{1}{8}$ in.	\$17.00
1a	$\frac{1}{8}$ in.	$1\frac{3}{8}$ in.	17.00	3	$1\frac{3}{8}$ in.	$1\frac{7}{8}$ in.	20.00
				4	$1\frac{3}{4}$ in.	$2\frac{9}{16}$ in.	22.50

STUDIO SHUTTER

HERE is an ideal studio equipment, a between-the-lens type of shutter that is practically noiseless. It has a bulb exposure only and a convenient lever at the top to open for focusing.

Exposures of any duration longer than one-fifth second may be had by maintaining pressure on the bulb or wire release.

No.	Light Open'g	Lens Open'g	Price	No.	Light Open'g	Lens Open'g	Price
1	$2\frac{1}{16}$ in.	$2\frac{3}{8}$ in.	\$15.00	4	$3\frac{1}{2}$ in.	$3\frac{3}{8}$ in.	\$22.50
2	$2\frac{1}{16}$ in.	$2\frac{1}{8}$ in.	17.50	5	$4\frac{1}{8}$ in.	$4\frac{1}{2}$ in.	25.00
3	$2\frac{1}{8}$ in.	$3\frac{3}{8}$ in.	20.00				

LENS BARRELS

SUBSTANTIALLY constructed lens barrels with all metal diaphragm leaves. Will withstand the heat of the enlarging lamp.

No.	Light Aperture	Price	No.	Light Aperture	Price
1	$\frac{3}{4}$ in.	\$8.00	6	$1\frac{1}{8}$ in.	\$12.00
2	$\frac{7}{8}$ in.	8.00	7	$2\frac{3}{8}$ in.	13.50
3	$1\frac{1}{16}$ in.	8.00	8	$2\frac{11}{16}$ in.	15.00
4	$1\frac{3}{2}$ in.	9.00	9	$3\frac{3}{8}$ in.	20.00
5	$1\frac{3}{2}$ in.	9.00	10	$3\frac{3}{8}$ in.	24.00

ACCESSORIES

Wire releases, 12" or shorter, 60c; 20", \$1.25; 36", \$2.50.

Bulb attachments to fit every Wollensak Shutter (State size and type shutter), - \$1.50

Bulb with 3' tubing - - - - - 1.00

Studio bulb with 4' tubing - - - - - 1.50

Special scales, diaphragm or focusing - 1.00

Front boards 9x9—10x10 - - - - - 2.00

Lens hood to fit mounts $3\frac{3}{4}$ " to $5\frac{1}{2}$ " diameter - - - - - 4.50

Lens cleaning tissue—per book - - - .10

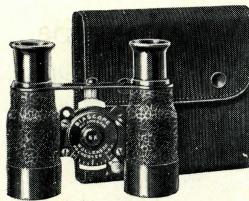
STANDARD FLANGES

Thread Diam.	Thread Price	Inside Diam.	Inside Price
$1\frac{1}{8}$ "	\$.50	$2\frac{3}{8}$ "	\$1.35
$1\frac{3}{16}$ "	.60	$2\frac{29}{32}$ "	1.50
$1\frac{3}{8}$ "	.65	$3\frac{3}{8}$ "	1.60
$1\frac{15}{16}$ "	.65	$3\frac{5}{8}$ "	1.75
$1\frac{17}{16}$ "	.80	$4\frac{3}{8}$ "	2.00
$1\frac{31}{32}$ "	1.00	$4\frac{3}{8}$ "	2.50
$2\frac{1}{2}$ "	1.25	$5\frac{1}{8}$ "	3.50

LENS CAPS

Thread Diam.	Thread Price	Inside Diam.	Inside Price
$1\frac{1}{8}$ "	\$.75	$1\frac{1}{8}$ "	\$1.25
$1\frac{3}{4}$ "	.85	$1\frac{1}{2}$ "	1.35
$1\frac{3}{2}$ "	.90	$1\frac{3}{4}$ "	1.50
2 "	1.00	$2\frac{1}{2}$ "	1.70
$2\frac{1}{4}$ "	1.10	$4\frac{1}{2}$ "	1.85
$2\frac{1}{2}$ "	1.20	$5\frac{3}{8}$ "	2.00

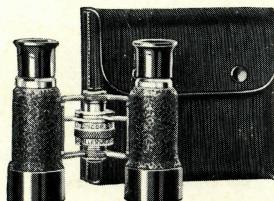
See all there is to see



Biascope "A"

6 Power

OUTDOOR enthusiasts will find this binocular an ideal, compact instrument to further their pleasure. The achromatic optical system magnifies 6 times distinctly and with excellent illumination. Made in two pupillary sizes—63 mm. for most people and 58 mm. for boy scouts and individuals with eyes closer together. 25 mm. diameter objective lenses; lever focusing adjustment; durable crystallized lacquer finish; genuine leather case. Price, complete, \$5.00.



Biascope "B"

6 Power

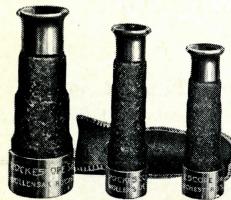
3½ Power

THE power and finish of this instrument is the same as Model "A" with same corrections in the optical system. It has a screw focusing device and an adjustable pupillary arrangement that makes one instrument fit all widths of eyes. Available also in 3½ power (wide field). Leather case.

6 Power - - - - - \$7.00

Wide Field - - - - - 7.00

Leaders in their class



Pockescope

Pocket Telescope

3—4½—6 Power

WHERE extreme compactness and light weight are desired, or when price is a consideration, these inexpensive telescopes will make a strong appeal. Finished in crystallized lacquer and supplied with limp leather case.

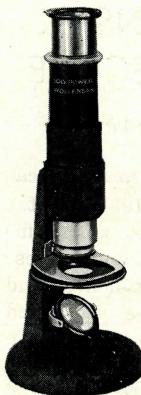
Model	Power	Length Closed	Max. Dia.	Price
Pock. Jr.....	3	25 8"	1 1/16"	\$1.00
Pockescope.....	4½	3"	1 3/16"	1.50
Pock. Sr.....	6	3 1/4"	1 3/16"	2.00

(Continued from page 3)

Series Ia Velostigmat

THE flat field, large circle of illumination and anastigmatic corrections make this lens ideal for banquet cameras as listed. All sizes will cover larger plates at smaller stops.

No.	Size	Equiv. Focus	f Speed	Plates covered with smaller stop
3b	5 x 8	8 1/2"	6.8	7x11
3c	5 x 8	8 3/4"	7.7	7x11
4	6 1/2 x 8 1/2	9"	6.3	5x12
4a	6 1/2 x 8 1/2	10"	6.8	5x12
4b	6 1/2 x 8 1/2	11"	7.7	5x12
5a	8 x 10	13"	6.8	7x17
6	10 x 12	14"	7.7	8x20
6a	10 x 12	14 3/4"	6.3	8x20
7	11 x 14	16 1/4"	6.8	12x20



WOLLENSAK MICROSCOPE

100 Power

MOST everyone is fascinated by the wonders of microscopy. Small insects are seen as queer fantastic creatures; bits of plant life reveal new beauties of color and structure and particles of vegetable, mineral and animal matter assume a strikingly different appearance when viewed in comparatively colossal proportions.

Microscopy affords education in an intensely interesting form and permits in the home and office research and experiment which have heretofore been confined chiefly to schools and scientific laboratories, on account of the high cost of similar instruments.

This compact instrument has a standard achromatic optical system, large brilliant field of view; objective affording 100 diameter magnification; friction slide adjustment, circular spring clip for holding slides to stage; height 5 $\frac{1}{2}$ inches; diameter at base, 2 $\frac{1}{4}$ inches; finished in plain black and crystallized lacquer, nickel trim. Supplied with plush lined imitation leather covered case, one prepared slide and complete instructions. Price - - - \$8.50

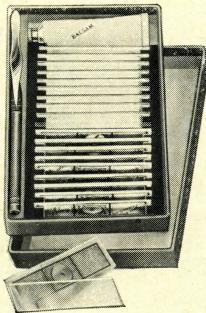


WOLLENSAK MICROSCOPE

250 Power

THERE are many occasions when 100 diameter magnification is not sufficient. Business and professional men, students and homes often feel the need of a good but inexpensive microscope that is compact in construction and has the advantages of the higher priced instruments.

This compound microscope has an achromatic optical system and two objective lenses which afford variable magnification from 100 to 250 diameters. The draw tubes are graduated to show the exact magnification. A simple friction slide focusing arrangement enables quick and accurate focus. It has a tilting stand to permit the instrument to be used in a tilted position and a removable mirror that allows maximum top or sub-stage illumination. Finger spring clip to hold slides to stage; height, 7 $\frac{1}{4}$ "; diameter at base, 3"; finish plain black and crystallized lacquer, with nickel trim. Supplied with plush lined imitation leather covered case, one prepared slide and complete instructions. Price - - - - - \$16.50



Elementary Slide Set

THE innumerable minute objects all about us, if mounted, help to make microscopy a pastime that is entertaining and instructive.

This set consists of ten prepared slides, ten plain slides and cover glasses, dissecting needle, tweezers, Canada balsam and complete instructions on the preparation of slides for microscopic study.

Price - - - - - \$3.50



OUTING KIT

A PRACTICAL set for the out-door man and boy. It includes a Pocke-scope, Sr., six power, a genuine high-grade scout knife, a water-proof match box and a combination pocket compass and magnifier.

Price - - - - - \$3.50
20 \$5.00

GUARANTEE

Wollensak lenses are guaranteed to be optically and technically correct. All shutters are warranted to give perfect satisfaction. If any of our products, with proper care, fails to give satisfaction within a year after leaving our factory, we will repair or replace free.

TRIAL PRIVILEGE

Our liberal trial privilege permits a thorough test before buying. Should a customer be undecided between two different types or sizes of lenses, we are willing to send both for comparative test without obligation, through a photographic dealer. The customer, however, is expected to pay the transportation charges when a lens is sent on memorandum.

TERMS

All Wollensak lenses are sold only through established photographic stock houses or dealers. If the customer has no local dealer, we will gladly put him in touch with someone conveniently located who can take care of his requirements. All goods are carefully packed and delivered to transportation companies in good order and without charge. All prices are f. o. b. Rochester.

ADVISORY SERVICE

Our Service Department is ready and willing to give individual attention to all special lens and shutter problems. This service involves no obligation.

