IHAGEE



CAMERAS

HERBERT & HUESGEN Co.

lo cast 42nd St. N.Y.C.

Choose Your Camera Carefully

To aid the Amateur Photographer in selecting a camera of intrinsic worth, we bring to his attention the famous IHAGEE CAMERAS. These cameras are beautifully constructed, producing magnificent results, and, in consequence, enjoying world-wide renown for more than twenty years.

The German manufacturers, now, have built three new and very small models of the IHAGEE CAMERA. Meticulously constructed, these miniature cameras produce astonishing results, photographing persons, buildings and landscapes clearly and distinctly. Minute details and distances, too, are reproduced with equal precision.

Because of their fine construction and dependable results, anyone of the IHAGEE CAMERAS, whether regular size or miniature, will give constant, lasting satisfaction.

If you are unable to secure the desired IHAGEE CAMERA at your local dealer, we shall be glad to send your choice to you by mail, upon receipt of order and check to cover amount. Money will be refunded immediately, if camera, found unsatisfactory, is returned within five days.

May, 1933

HERBERT & HUESGEN CO.

Prices subject to change without notice.



EXAKTA

THE NEWEST IHAGEE CAMERA

Exakta is an unusual novelty in the field of miniature cameras. Its design is such that it gives the maximum camera effectiveness in the smallest possible space.

It is a mirror reflex using roll film 15/8x21/2 inches, which is commonly used in all Vest-Pocket cameras, and is usually supplied 8 exposures to the roll. Most miniature cameras that do not have the reflex feature do not possess the exactness of focus of the Exakta. With this camera it is not necessary to use either a depth of focus scale or a distance meter. When examining the image on the ground glass one can determine the exact depth of focus that the lens gives and use the diaphragm accordingly. This feature makes it possible to focus and compose the image much more satisfactorily than with the small finders usually supplied on Miniature cameras. It is also possible to examine the image up to the very last second before making exposures. The film spool and focal plane shutter with which this camera is equipped are synchronized so that it is impossible to make a double exposure.

The long experience of the makers of this camera in constructing mirror reflex cameras has stood them in good stead in perfecting this instrument.

Dimensions: Length 61/4 in.

Height 3 in. Depth 31/4 in.

Weight: 29 oz.

EXAKTA CAMERA Carl Zeiss F2.8	\$75.00
Zeiss Filter—Light, Medium or Dark	4.50
Case for Camera	10.00
Dallmeyer Telephoto Lens 9 in. focus	70.00
Lifa Filter for Telephoto Lens—Light, Medium or Dark	8.00



WEENY ULTRIX

Size of Pictures $1\frac{5}{8}x2\frac{1}{2}$ in. (4.5x6 cm.)

Dimensions: $2\frac{1}{4}x2\frac{1}{4}x4\frac{1}{4}$ in. (6x6x11.2 cm.)

Weight: 14 ounces.

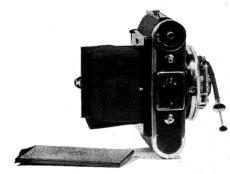
This elegant little roll film camera without bellows is made entirely of metal, and covered with high grade leather. Notwithstanding the large picture size of 15/8x21/2 in. or 4.5x6 cm., its dimensions have been reduced to a minimum and are no larger than those of cameras giving only one half the picture size of the "WEENY ULTRIX". The ingenious construction of the helical mount with the patented double thread permits of a very long extension and of the use of lenses of 7 cm. focal length, which give splendid definition on 15/8x21/2 in. pictures.

The Sixteen picture "WEENY ULTRIX" is built similar to the vest pocket "Weeny Ultrix" already described, except that it has two red windows fitted in its back, so that the double number of exposures can be made with the regular 15/8x21/2 in, films.

On the $1\frac{1}{4}\times1\frac{5}{8}$ Cameras the Focal length is 5 cm. On the $1\frac{5}{8}\times2\frac{1}{2}$ Cameras the Focal length is 7 cm.

except the Zeiss Tessar f.4.5 which is equipped with 6.5 cm.

1½x15/8 in	.—3x4 cm.	15/8 x2 1/2 in.—	-4.5x6 cm.
Prices, including kid leather case, With Pronto wire release. shutter 1/25 Fitted with the following lenses to 1/100 sec.	With Com shutter I to 300	With Pronto shutter 1/25 to 1/100 sec.	With Com shutter I to 300
Ihagee Anastigmat F.6.3 18.00		18.00	
Ihagee Anastigmat F.4.5 20.00	25.00	20.00	25.00
Ihagee Anastigmat F.3.5 26.00	34.00	26.00	34.00
Zeiss Tessar F.4.5.			40.00
Zeiss Tessar F.3.5	-	-	45.00
Schneider Xenon F.2. 4½ cm. —— Solid Leather case with carry-	64.00		
ing strap	4.50	<u> </u>	4.50



WEENY ULTRIX

FOR ROLL FILMS, FILM PACK and PLATES

This latest WEENY camera takes full-size vest pocket pictures on roll film, film pack or plates.

Prices include 3 single holders, focussing screen, soft leather case and cable release.

Size of Pictures $1\frac{5}{8}x2\frac{1}{2}$ in. (4.5x6 cm.)

Dimensions: $2\frac{1}{4}x^{2}\frac{1}{4}x^{4}\frac{1}{4}$ in. (6x6x11.2 cm.)

Weight: 16 ounces.

Anastigmat F.4.5. Compur Shutter 1/300	30.00
Zeiss Tessar F.4.5. Compur Shutter 1/300	
Zeiss Tessar F.3.5. Compur Shutter 1/300	

VEST POCKET AUTO ULTRIX

Automatic action. Parallel guiding of lens panel to eliminate strain on belows occurring in other self-erecting cameras. Sharp focussing by means of focussing the mount of complete lens and shutter insuring maximum correction of the lens system and 100% optical performance at any distance.

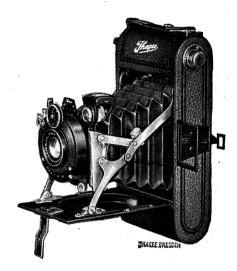


Size of Pictures $1^{5}/8 \times 2^{1}/2$ in. (4.5x6 cm.)

Dimensions: $1-1/16x2\frac{1}{4}x4\frac{1}{2}$ in.

Weight: 12 ounces.

With the following lenses	Focal length cm	With Vario shutter 25 to 100 sec.	With Pronto shutter 1/25-1/100 sec.	Compur shutter i /300
Ihagee Anastigmat F.6.3.	7	13.50		
Ihagee Anastigmat F.4.5.			19.00	24.50
Ihagee Anastigmat F.3.5.	7		24.50	30.00
Zeiss Tessar F.3.5.				44.00
Schneider Xenar F.4.5.	7			33.00
Kid leather case			1.50	
Solid leather case			2.50	



AUTO ULTRIX

TYPE A-For 21/4x31/4 in. (6x9 cm.)

Roll Film Only.
Dimensions: 11/4x3x61/2 inches.
Weight: 16 ounces.

Main features same as on Vest Pocket Auto Ultrix.

Shutters for Time and Instantaneo			
Iha With the following lenses (Focal length 10.5 cm)	gee Anas nat F.6.3	ihagee Anas- tigmat F.4.5	Zeiss Tes- sar F.4.5
Zenith 1/25-1/100	16.00	18.00	
Pronto 1/25-1/100	19.00	22.00	
lbsor 1-1/125		24.00	
Compur I-1/250		28.00	37.00
S. T. Compur Delayed Action 1-1/250		32.00	40.00
Soft kid leather case		2.0	00
Leather case velvet lined		4.	50

TYPE B-with Plate-Adapter.

For 21/4x31/4 in. (6x9 cm.) Roll Film.

 $2\frac{1}{2}x3\frac{1}{2}$ in. (6.5x9 cm.) Plates. Dimensions: $1\frac{1}{2}x3x6\frac{3}{4}$ inches.

Weight: 19 ounces.

Same camera as above but with Plate Back, Focussing Screen Frame and 3 Metal holders to facilitate the alternate use of dry plates or roll films.

Shutters for Time and Instantaneo			
Iha With the following lenses tign (Focal length 10.5 cm	gee Anas- nat F.6.3)	Ihagee Anas tigmat F.4.5	- Zeiss Tes- sar F.4.5
Zenith 1/25-1/100	22.00	24.00	
Pronto 1/25-1/100	25.00	28.00	
lbsor I-1/125		30.00	
Compur I-1/250		35.00	43.00
S. T. Compur Delayed Action 1-1/250		38.00	46.00
Soft kid leather case		1	.50
Leather case Velvet lined for camera	only	2	.50
Leather case Velvet lined for camera	and Fi	lm Pack	
Adapter		7	.00



ULTRIX

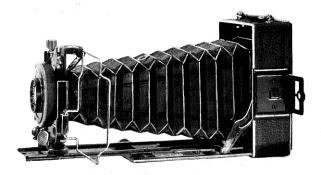
For Rollfilms $2\frac{1}{4}x3\frac{1}{4}$ ins. (6x9 cm), $2\frac{1}{2}x4\frac{1}{4}$ ins. (6\frac{1}{2}x11 cm), $3\frac{1}{4}x4\frac{1}{4}$ ins. (8x101/2 cm).

Focussing by new radial lever. The Ihagee Ultrix is a rollfilm camera of the highest class. Its construction combines portability lightness and rigidity in a remarkable degree while the finish leaves nothing to be desired.

Details: Metal-body drawn in one piece of aluminum, covered with Leather-bellows. Aluminum-base-board and front genuine leather. black enamelled. Brilliant-finder with spirit level. Wire-view-finder with sight. Patent release. Iris-diaphragm. Tripod-sockets.

Dimensions $1\frac{1}{2}x3\frac{1}{4}x6\frac{1}{2}$. Wgt. $1\frac{1}{2}$ lbs. 6x9: $6\frac{1}{2} \times 11$: Dimensions $1\frac{1}{2} \times 3\frac{3}{4} \times 7\frac{1}{2}$. Wgt. 2 lbs. $8\frac{1}{4} \times 10$: Dimensions $1\frac{3}{4} \times 4\frac{1}{4} \times 8\frac{1}{4}$. Wgt. 24 oz.

With following lenses	Ihagee Anastigmat F.6.3	Ihagee Anastigmat F.4.5	Zeiss Tessar F.4.5
21/4x31/4-6x9 cm	(Leather	Case \$4.50)	
Zenith Sh	16.00	18.00	
Ibsor Sh	22.00	25.00	
Compur Sh		30.00	38.50
21/2x41/4-61/2x11 cm	(Leather	Case \$5.50)	
Zenith Sh	20.00		
Ibsor Sh	25.00	28.50	
Compur Sh		42.50	
31/4×41/4-8×101/2 cm	(Leather	Case \$6.00)	7
Zenith Sh			
Ibsor Sh	30.00	34.00	
Compur Sh		40.00	46.00



DUPLEX

For Plates $2\frac{1}{4}x3\frac{1}{4}$ (6 $\frac{1}{2}x9$ cm.)— $\frac{1}{4}$ plate (9x12 cm.) Postcard (10x15 cm.)

With double extension bellows and covered rack and pinion. Body made of light metal, covered with finest morocco leather. Base board black enamelled. Leather bellows, rising, falling and sliding front.

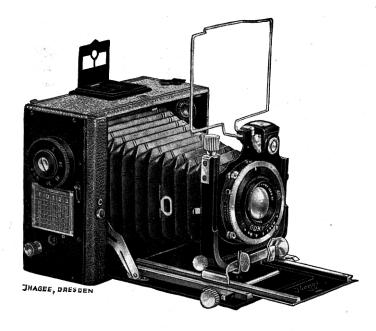
Focussing screen with light hood. Patent release. Iris diaphragm. Brilliant finder with spirit level. Wire finder with sight. Infinity stop with automatic release. Tripod sockets.

EQUIPMENT: 3 single plate holders; Film pack adapter and Leather case.

Dimensions		Wei	ghts
61/2×9 cm1 3/4×31/2×43/4		13/4	lbs.
$9x12 \text{ cm.} -2x4\frac{1}{2}x6\frac{1}{8}$		23/4	lbs.
10x15 cm.—21/4x43/4x63/4		3	lbs.

COMPUR SHUTTERS						
With the following lenses 6½	x9em	Focal Length	9x12om	Focal Length	10x15em	Focal Length
Ihagee Anastigmat F.4.54	0.00	41/8	48.00	51/4	70.00	61/2
Carl Zeiss Tessar F.4.5.	0.00	43/4	75.00	-6	90.00	61/2
Carl Zeiss Tessar F.3.5		,,	90.00	6		
Extra metal plate holders	.40		.40		.60	
Extra leather covered plate holders	.70		.75		1.00	
Extra metal Film Pack adapter	1.50		1.70		2.00	
Extra leather covered Film Pack						
Adapter	1.70		2.00	8	2.50	
Leather case Velvet lined			7.50		9.00	

Cameras equipped with Zeiss lenses, have Chromium front standards.



TWO SHUTTER DUPLEX

For Plates and Film Packs.

Picture Size 21/2x31/2 in. (61/2x9 cm.) 1/4 Plate (9x12 cm.)
Postcard (10x15 cm.)

Dimensions $2\frac{1}{2}x4\frac{7}{8}x5\frac{3}{8}$; $2\frac{1}{2}x5\frac{7}{8}x6\frac{1}{2}$; $3x6\frac{1}{4}x8$.

Weights 23/4 lbs.; 31/2 lbs.; 5 lbs.

A horizontal model with double extension and covered rack and pinion. Fitted with a central shutter as well as with a focal-plane-shutter. Specifications similar to the DUPLEX described on opposite page.

			43.14
Compur Shutters With the following lenses	2½x3½ ins. 6½x9cm	1/4 plate 9x12cm	Postcard 10x15cm
Ihagee Anastigmat F.4.5.	64.00	73.00	90.00
Ihagee Trioplan F.3.5.	78.00	106.00	124.00
Hugo Meyer Double Anastigmat			
Veraplan F.4.5	70.00	80.00	100.00
Zeiss Tessar F.4.5.	75.00	84.00	125.00
Zeiss Tessar F.3.5.	115.00	122.00	147.00
Extra slide (leather covered)	.70	.80	1.00
3 metal slides (leather covered)			
with case	2.10	2.40	3.00
Film pack adapter (leather covered)	1.70	2.00	2.50
Leather case for camera and three			
slides	8.00	10.00	12.00



PATENT FOLDING REFLEX

Without Revolving Back-For plates and filaments

Picture size $21/2 \times 31/2$ ins. ($61/2 \times 9$ cm.); 1/4 plate (9×12 cm.); Postcard (10×15 cm.)

Dimensions $2\frac{3}{8}x5\frac{1}{2}x5\frac{7}{8}$; $2\frac{3}{8}x6\frac{7}{8}x7\frac{1}{4}$; $2\frac{7}{8}x8x8\frac{1}{4}$.

Weights 31/2 lbs.; 4 lbs.; 51/4 lbs.

Equipment: 3 metal slides covered with leather in leather-case. Film pack-adapter covered with leather. Shoulder strap. Patent release Wire-view-finder with sight.

With the following lenses	2½x3½ ins. 6½x9cm 12cm	1/4 plate 10x15cm 15cm	Postcard 9x12cm 16.5cm
Meyer Double Anastigmat Veraplan F.4.5	. 125.00	150.00	190.00
Zeiss Tessar F.4.5.	150.00	175.00	225.00
Extra slide leather covered	70	.75	1.00
3 metal slides leather covered	2.10	2.25	3.00
Leather case for camera and 3 slides	9.00	11.00	13.00

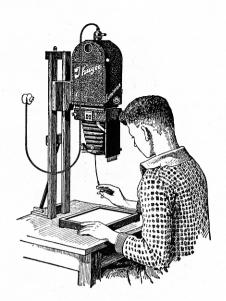
With Revolving Back—For plates and filmpacks.

Picture size $2\frac{1}{2}x3\frac{1}{2}$ ins. $(6\frac{1}{2}x9 \text{ cm.})$; $\frac{1}{4}$ plate (9x12 cm.)

Dimensions $2\frac{1}{4}x5\frac{3}{4}x7\frac{1}{4}$; $2\frac{3}{4}x7x7\frac{3}{4}$.

Weights 31/2 lbs.; 4 lbs.

With the following lenses	2½x3½ ins.—6½x9cm 15cm	
Double Anastigmat Veraplan F.4.5.	150.00	200.00
Zeiss Tessar F.4.5.	175.00	225.00
Zeiss Tessar F.3.5.	200.00	250.00
Extra slide, leather covered		.80
3 metal slides, leather covered in o	ase 2.10	2.40
Leather case for camera and 3 slice	les 11.00	12.00



"SIMPLEX" LUMIMAX ENLARGER

The SIMPLEX LUMIMAX is an attachment to the ordinary camera converting it into a first class enlarger. It can either be attached to the wall of the dark room by means of the sliding frame which should be fitted approximately 15 inches above the table used or clamped onto a table as illustrated in the cut.

It is supplied with a negative carrier that can be arranged to hold either plate or film negatives.

For illumination we recommend a 100 watt spherical bulb without tip. For holding the paper we supply an enlarging frame especially constructed for the LUMIMAX; a regular printing frame can also be used.

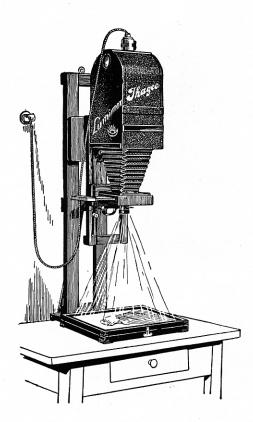
A REVISOR is an arrangement by means of which the paper frame can be tilted to allow for correction of uneven lines in the negative.

SIMPLEX LUMIMAX ENLARGERS

For plate or pack Cameras—61/2x9 cm.	\$11.00
For plate or pack Cameras—9x12 cm.	. 11.00
For roll film Cameras—21/4x31/4 inch	
ror roll film Cameras—Vest Pocket	
For roll film Cameras, enlarger with condenser-Vest Pocket	. 18.00
Lamp for above	. 1.00
LUMIMAX ENLARGING FRAMES	
5x 7 inches	\$ 2.50
8x10 inches	4.00
IIxI4 inches	7.00
Universal for 5x7 inches and smaller	
LUMIMAX PRINTERS	
41/2x6 cm.—9x12 inch	\$ 4.00

5x7 inch

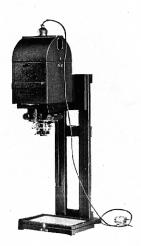
Lumimax "Revisor"



"UNIVERSAL" LUMIMAX ENLARGER

The UNIVERSAL LUMIMAX is a self contained instrument and obviates the necessity of attaching a camera to the enlarger, some cameras being unsuitable for this purpose. It has long bellows extension and permits both large size enlargements and reductions. It is fitted for ordinary focussing by means of sliding rails; fine focussing is done by means of rack and pinion.

UNIVERSAL LUMIMAX ENLARGERS	
For negatives 61/2x9 cm. or smaller	\$20.0
For negatives 9x12 cm. or smaller	20.0
For negatives 13x18 cm. or smaller	
Lamp for above	1.0
LUMIMAX REVISOR	3.5
LUMIMAX ENLARGING FRAMES	
6½x9 cm.	\$ 2.0
7X12 cm.	2.0
10x15 cm	3.0
5x 7 cm	3.00
8x10 cm.	
	7.00
UNIVERSAL for 5x7 or smaller	3.50
LUMIMAX PRINTERS	
4½x6 cm—9x12 cm.	\$ 4.00
10x15 cm.	4.50
5x7 inch	6.00



WEENY LUMIMAX ENLARGER

Patented

This Outfit is designed especially for enlarging miniature pictures taken either with the "WEENY ULTRIX" Film Camera or with other cameras of the same size, viz. 1\sum_8x2\sum_2 in. (4x6.5 cm.), 1\sum_4x1\sum_8 in. (3x4 cm.) or smaller. A charge will be made for adapting miniature film cameras of other makes.

The camera is secured to the "WEENY LUMIMAX" by means of two clamps, and enlarging to any size can be effected simply by raising or lowering the Enlarger. Vertical or Horizontal working is possible and the film need not be cut up for enlarging. The Lamphouse has a hinged cover which can be turned up for ventilation, so that even long focussing will not have any injurious effect on the film.

WEENY LUMIMAX ENLARGER for 15/8x21/2 in. (4x6.5 cm.) or 11/4x15/8 in. (3x4 cm.) or Standard Cine film, Cine Sub-stand-	
ard film or other miniature picture sizes\$	
Frame for "WEENY LUMIMAX ENLARGER"Printer for "WEENY LUMIMAX ENLARGER"	
LAMP for above	1.00

LUMIMAX ENLARGING FRAMES

As a supplement to the WEENY LUMIMAX ENLARGERS we recommend LUMIMAX ENLARGING FRAMES which can be opened like a book. They are finished inside in white to facilitate focussing, and the covered edges will provide a white margin for the enlargements when the Bromide paper is in its place.

Stock Sizes	Price	Stock Sizes	Price
9x12 cm.	2.00	5x7 in. 8x10 in. 11x14 in.	4.00



DALLMEYER

DALLON ANASTIGMAT TELEPHOTO

SERIES VI-F/5.6

Series VI, F/5.6 is particularly adapted for use with Ihagee, reflex, focal-plane and similar speed cameras. Its large aperture indicates its special advantages for newspaper and speed work, with exposures up to 1/1,000 of a second, portraiture, interior architectural detail and like classes of photography, where anastigmatic quality and speed, with large images are required.

Supplied in barrel with iris diaphragm and lens shade hood, finished in matte black enamel aluminum.

Series VI-DALLON TELEPHOTO-F/5.6

Code Num- ber	No.	Plate Size Inches	Equiv. Focus Inches	Back	inity Cell creen	Price Barre Mount
T40	1B	21/2×31/2	9	41/2	inches	\$ 80.00
T41	IC	$2\frac{1}{2} \times 3\frac{1}{2}$	10	5	inches	88.00
T42	1	31/4×41/4	- 11	51/2	inches	95.00
T43	2	4 x5	12	6	inches	102.00
T44	3	$3\frac{1}{2} \times 5\frac{1}{2}$	14	7	inches	124.00
T45	4	5 x7	17	81/2	inches	167.00
T46	5	5 x7	20	10	inches	245.00
T47	6	$6\frac{1}{2} \times 8\frac{1}{2}$	24	12	inches	330.00

Above prices include Federal tax.

When ordering specify whether for old or new model camera.

All Dallon lenses are furnished with special sun shade hood and metal lens board to fit above cameras and leather cap.



LIFA RECTICOLOR FILTERS

The Recticolor Filter consists only of glass, so that the color is introduced while the glass is molten. This is lemon yellow and perfectly adapted to hold back the blue-violet rays which are too actinic.

In order to meet practical requirements we furnish the Recticolor Filters in three degrees of density, consisting of light, medium and dark yellow filters.

With our Recticolors you are, as the legally protected name of the filters shows, really in a position, by properly choosing the depth of color, to reproduce the green and yellow rays of your subject in correct tonal relation.

The production of absolutely identical color depths in glass filters is of extraordinarily great difficulty, but because of thorough research into the question Lifa is able to reproduce the density of color of Recticolors with sufficient accuracy.

In spite of very extraordinary perfection as regards plane parallelism, the Recticolors are so extremely thin that the filters can be put in place even after sharply focussing the lens without producing a noticeable change in sharpness.

IIFA	RECTICOLOR	FILTERS	WITHOUT	HOI DERS

Sizes	13/16	1	1-3/16	13/8
Prices	\$1.80	\$1.80	\$1.80	\$2.50
Sizes	/2 13/4	2	23/8	3 in.
Prices\$2	.50 \$4.25	\$4.25	\$6.75	\$10.00

LIFA HOLDERS ONLY

Sizes	13/16	1	1-3/16	1 3/8
Prices	\$.80	\$.80	\$.80	\$1.00
Sizes11/2	13/4	2	23/8	3 in.
Prices\$1.00	\$1.00	\$1.25	\$1.50	\$2.00

NEW INSTRUMENTS for an old art

For 25 years recognized specialists in foreign and domestic cameras and photographers' equipment of exceptional merit, we present here a few famous German and British lines exclusive with us in the U. S. A.



DALLMEYER LENSES

the recognized
Hallmark of the world's finest lenses
special types for special uses.



LIFA COLOR FILTERS

—natural glass, yellow filters of highest quality — indispensable companions of the serious photographer.

