

Ica Cameras



Canadian Distributors

The Hughes Owens Company
LIMITED

MONTREAL - OTTAWA - TORONTO - WINNIPEG

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TABLE OF COMPARISON



SIZES OF PLATES AND FILMS:

Inches	cm.	Cameras No.
$2\frac{5}{16} \times 1\frac{3}{4}$	4.5 × 6	51, 53, 496, 488
$2\frac{1}{4} \times 2\frac{1}{4}$	6 × 6	495, 496
$3\frac{1}{4} \times 2\frac{1}{4}$	6 × 9	500, 498
$3\frac{1}{2} \times 2\frac{1}{2}$	6.5 × 9	111, 502, 748
$4\frac{1}{4} \times 2\frac{1}{2}$	6.5 × 11	501, 502, 503
$4\frac{1}{4} \times 3\frac{1}{4}$	8.3 × 10.8	212, 510, 511, 555, 756/1
$4\frac{3}{4} \times 3\frac{1}{2}$	9 × 12	555
$5\frac{1}{2} \times 3\frac{1}{4}$	8 × 14	575, 595
$5\frac{1}{2} \times 3\frac{1}{2}$	9 × 14	575, 595, 758/1

FOCAL LENGTH OF LENSES:

$2\frac{1}{2}$ in. = 6.5 cm.	$5\frac{1}{4}$ in. = 13.5 cm.
3 " = 7.5 "	6 " = 15 "
$3\frac{1}{2}$ " = 9 "	$6\frac{1}{2}$ " = 16.5 "
$4\frac{1}{8}$ " = 10.5 "	7 " = 18 "
$4\frac{3}{4}$ " = 12 "	$8\frac{1}{4}$ " = 21 "

THE Ica Cameras described in the following pages of this abridged list represent only a few of the models manufactured by this well known firm. As space however would not allow all models being listed those most popular have only been included.

The Ica Co., has been formed by the union of the camera works of R. Hüttig & Son, Emil Wünsche, Dr. R. Krügener, Zulauf & Co. and the camera department of Carl Zeiss, Jena. It is therefore not only the oldest, but the largest manufacturing company of its kind in Germany, and in fact, Europe.

The name Ica on any camera or on any article of photographic apparatus ensures to the purchaser the fact that nothing better of its kind can be obtained. The name itself stands as an assurance that the utmost reliance can be placed in the article which bears it, a most desirable feature when one considers what a lot depends on the instrument itself. The great aim of the Ica Co., is to produce an article of the highest possible quality.

All the cameras described herein are fitted for use with a tripod, the screw thread being of the American standard size.

Ica productions are manufactured in two large factories and in addition to Photographic cameras, accessories and sundries for photographers, include Projection apparatus, Enlarging Apparatus, Cinematographs for Theatres, Schools and the Home and all accessories pertaining to them.

Full particulars of any particular instrument will be gladly furnished on application.

LENSES

Ica cameras are equipped with the following lenses and are listed with camera number and letters indicating the actual lens fitted to the particular model and the actual shutter.

Thus "111 UCp" would be the Ica Ideal $3\frac{1}{2} \times 2\frac{1}{2}$ ins. with Zeiss Tessar f/4.5 lens and Compur shutter.

C	Double anastigmat "Litonar".....	f/6.8
E	"Novar"-Anastigmat.....	f/6.8
R	Double anastigmat "Hekla".....	f/6.8
G	"Dominar"-Anastigmat.....	f/4.5
T	Zeiss "Tessar".....	f/6.3
U	Zeiss "Tessar".....	f/4.5
V	Zeiss Double Protar.....	f/6.3 and f/7

The well known "Compur" shutter has been adopted as the standard between-lens shutter for the Ica cameras but the simpler models Nos. XI and X can also be fitted and can in most cases be supplied immediately if required.



Automatic Model X

For time, bulb or instantaneous exposures of $\frac{1}{25}$, $\frac{1}{50}$ and $\frac{1}{100}$ of a second.



Automatic Model XI

For time, bulb or instantaneous exposures of 1, $\frac{1}{2}$, $\frac{1}{5}$, $\frac{1}{10}$, $\frac{1}{25}$, $\frac{1}{50}$ and $\frac{1}{100}$ of a second.



Compur

For time, bulb or instantaneous exposures up to $\frac{1}{500}$ of a second in the smaller and up to $\frac{1}{250}$, $\frac{1}{200}$, $\frac{1}{150}$ and $\frac{1}{100}$ in the larger sizes.

LENSES

*Particulars of a few of the Lenses supplied
with Ica Cameras are given as a guide to
the purchaser*



E

“NOVAR” ANASTIGMAT F/6.8

(Angle about 70° with small stop)

Anastigmat consisting of three separated lenses, uncemented, with spheric, chromatic and astigmatic correction. Good covering power up to an angle of 58° at full aperture. Efficient for time and instantaneous work, landscapes, portraits, architecture, etc. The back combination cannot be used alone. Consequently the “Novar” lends itself to cameras with single extension.

C

“LITONAR” ANASTIGMAT F/6.8

(Angle 61° with a small stop)

Anastigmat consisting of four separated lenses, uncemented with spheric, achromatic and astigmatic correction. Good covering power up to an angle of 58° at full aperture. Efficient for time and instantaneous work, landscapes, portraits, architecture, etc. The back combination can be used with a small stop, as a good lens for landscapes, having about double the focal length of the entire doublet.

DOUBLE ANASTIGMAT "HEKLA" F/6.8

(Angle about 80° with a small stop)

Double anastigmat, consisting of four separated uncemented lenses, with spheric, chromatic and astigmatic correction. Good covering power up to an angle of 60° with full aperture, and excellent central definition.

Efficient for all normal time and instantaneous exposures, for landscapes, portraits, architecture, amplifications and reproductions.

Can be used advantageously as wide angle lens for photographing interiors, as long as the focal length is not smaller than the shortest side of the plate.

The back combination can be used with smaller stops as an excellent landscape lens of about double the focal length of the entire doublet.

ANASTIGMAT "DOMINAR" F/4.5

(Angle about 62° at a small stop)

A non symmetrical anastigmat, of which the front system consists of two separated lenses and the back combination of two cemented ones.

Excellent correction of the spheric and chromatic aberrations.

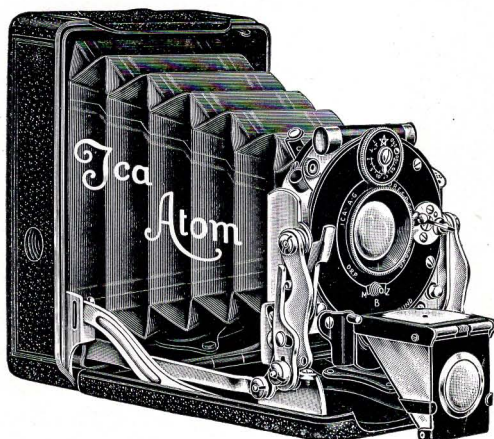
Good covering of an angle of 55° at full aperture, splendid brilliancy, central definition and excellent covering to the edges.

Astigmatism and coma are nearly completely eliminated. The back combination cannot be used independently, but in its stead we recommend for cameras with double extension the use of our "Delta" additional lenses, which, placed upon the Dominar, prolongates its focal length respectively.

This combination offers considerable advantages, when compared with the use of the back system of a symmetrical lens, as there are;—less distortion, better definition up to the edges, easier manipulation, etc.

ICA ATOM CAMERA

FOR PLATES AND FILM PACKS



The Automatic Vest Pocket Camera

No. 51

Upright Model, $1\frac{3}{4}$ in. x $2\frac{5}{16}$ in.
Dimensions: $3\frac{1}{2}$ x $2\frac{3}{4}$ x $1\frac{1}{2}$ in.
Weight: 12 ozs.

No. 53

Horizontal Model, $1\frac{3}{4}$ in. x $2\frac{5}{16}$ in.
Dimensions: $3\frac{1}{2}$ x $2\frac{3}{4}$ x $1\frac{3}{4}$ in.
Weight: 12 ozs.

The special feature of the ATOM is that with the opening out of the baseboard the front is automatically erected and locked.

The upright model (No. 51) is fitted with a lens of 9 cms. focus which will commend it to advocates of long focus lenses.

The horizontal model (No. 53) carries a lens of 6.5 cms. and consequently gives a somewhat wider angle.

Each model is fitted with focussing adjustment, scale and Brilliant reversible finder.

Outfit includes camera with Compound shutter up to $\frac{1}{300}$ of a second, three single metal slides and cable release.

No. 51 Ecp.....	\$32.00	No. 53 Rcp.....	\$40.00
No. 51 Rcp.....	33.50	No. 53 Gcp.....	47.50
No. 51 Tcp.....	47.50	No. 53 Tcp.....	51.50
		No. 53 Ucp.....	58.50
No. 726 Extra Metal Slides.....	\$0.40		
No. 728 Film Pack Adapter.....	1.45		
Leather Carrying Case for Camera and Six Slides.....	4.50		

ICA IDEAL CAMERA

DOUBLE EXTENSION FOR PLATES AND FILM PACKS



No. 111— $3\frac{1}{2} \times 2\frac{1}{2}$ in.

Dimensions... $5\frac{1}{4} \times 2 \times 3\frac{1}{2}$ in. Weight $26\frac{1}{2}$ ozs.

This camera combines extreme portability with the essentials necessary for general all round work.

It is fitted with a Brilliant view finder and spirit level which is reversible allowing either horizontal or vertical pictures to be made.

The camera has a double extension allowing the photographing of objects as close as 9 ins. to the camera. The rear element of lenses which are convertible i. e. Hekla can be used and the resulting image is about double that produced with the combined lens. Supplementary lenses can be supplied for use with the unconvertible type of lenses i. e. Zeiss Tessar and Ica Dominar.

Both rising and cross front are features of this admirable instrument and are invaluable where it is desired to use the camera for photographing architectural studies.

Focussing is accomplished by means of a rack and pinion and for critical work use should be made of the hooded focussing screen for viewing the object before making an exposure.

The outfit includes camera and three single metal slides and cable release.

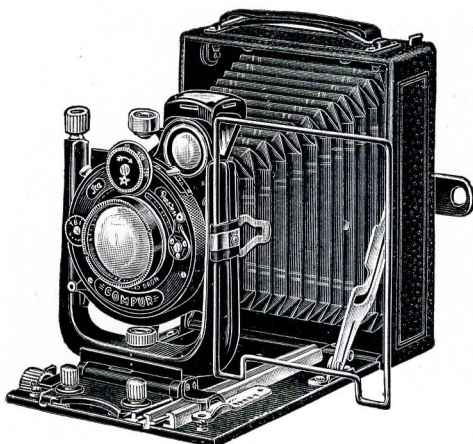
No. 111 Rcp.....	\$40.00	No. 111 Tcp.....	\$55.50
No. 111 Gcp.....	52.50	No. 111 Ucp.....	64.00
No. 726/3 Extra Single Metal Slides.....	0.65		
No. 728/2 Film Pack Adapter.....	1.75		
Leather Case for Camera and Six Slides.....	5.50		

Yellow Filters, Distar and Delta Lenses on application.

ICA TRONA CAMERA

NEW MODEL

DOUBLE EXTENSION - FOR PLATES AND FILM PACKS



No. 212

$4\frac{1}{4} \times 3\frac{1}{4}$ in.

Dimensions..... $6 \times 4\frac{3}{4} \times 2$ in.

Weight..... 34 ozs.

Quite a recent Ica introduction, this model fully meets the requirements of the most exacting Double Extension enthusiast.

It is made to take plates or film packs $4\frac{1}{4} \times 3\frac{1}{4}$ in. and is equipped with Iconometer and Reversible Brilliant View Finders, Double Extension with rack and pinion focussing, Rising and Cross fronts and in fact everything that can be desired in a compact $\frac{1}{4}$ pl. folding camera.

The well known Compur shutter is usually fitted, but with lenses of smaller aperture than f/4.5 automatic shutters Models X or XI can be supplied.

The Trona is made of light metal, is leather covered and embodies the most perfect workmanship and design.

The outfit includes the camera, three single metal slides and cable release.

No. 212 Rcp.....	\$41.00	No. 212 Gcp.....	\$60.50
	No. 212 Ucp.....		\$71.00

No. 760/14 Extra Single Metal Slides.....	\$0.60
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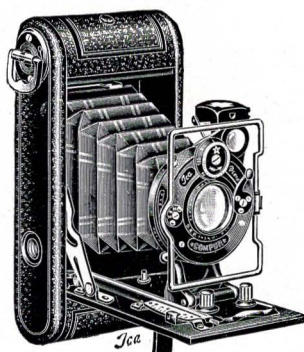
No. 768/14 Film Pack Adapter.....	2.00
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Leather Case for Camera and Six Slides.....	6.00
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Yellow Filters, Distar and Delta Lenses on application.

ICARETTE CAMERA

NEW TYPE VEST POCKET CAMERA



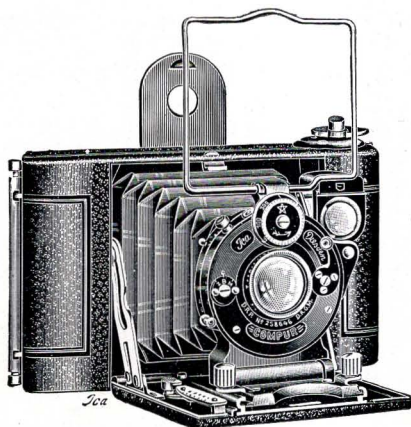
No. 488

FOR ROLL FILMS $1\frac{3}{4} \times 2\frac{5}{8}$

This camera is similar to No. 496. It is furnished with Compur Shutter and lenses E/R/H/G/T/U/Z/. It is fitted with a brilliant reflecting finder, direct vision finder (Iconometer) and V shape front. Focussing is done by lever adjustment. It is also fitted with one tripod screw for horizontal pictures, besides a stand for vertical pictures. Furthermore there is a new arrangement for winding off the film. It is built into the back of the camera, and permits the film spool to be inserted, independently of the camera. The film runs underneath two little metal rollers which preserve the emulsion from being scratched.

No. 488 Ecp.....	\$29.00	No. 488 Tcp.....	\$45.00
No. 488 Rcp.....	31.25	No. 488 Ucp.....	51.50
No. 488 Gcp.....	40.00		
Leather Bag	\$1.25.	Leather Case.....	\$2.80

ICARETTE I CAMERA



No. 495

For roll films $2\frac{1}{4} \times 2\frac{1}{4}$ in.
 Dimensions: $1 \times 2\frac{3}{4} \times 5$ in.
 Weight: 14 oz.

No. 496

For roll films $2\frac{1}{4} \times 2\frac{1}{4}$ in.
 or Glass plates 4.5×6 cm.
 Dimensions: $1 \times 2\frac{3}{4} \times 5$ in.
 Weight: 14 ozs.

The Icarette I by reason of the extreme simplicity of its working and its compactness has attained great popularity.

Focussing is accomplished by a lever adjustment and the method of loading the camera by removing the back is of the simplest nature.

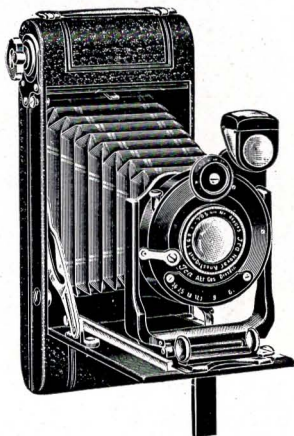
Two finders, an "Iconometer" Direct vision finder and Brilliant view finder are provided and the camera is fitted with a cross front.

The size of the picture made with this camera lends itself particularly well to enlarging, as being square it may more easily be proportioned correctly.

Camera No. 496 is similar to No. 495 but with the addition of a plate back that allows plates 4.5 x 6 cm. to be used as an alternative to roll films.

No. 495 Ex	\$21.00	No. 496 Ex	\$24.00
No. 495 Rcp	30.00	No. 496 Rcp	33.50
No. 495 Gcp	38.25	No. 496 Gcp	41.75
No. 495 Tcp	44.00	No. 496 Tcp	47.50
No. 495 Ucp	51.00	No. 496 Ucp	54.50
No. 721 Single metal slides			\$.35
No. G1 Focussing screen			1.00
Leather bag	\$1.25	Leather case	\$2.80

ICARETTE CAMERA No. 498



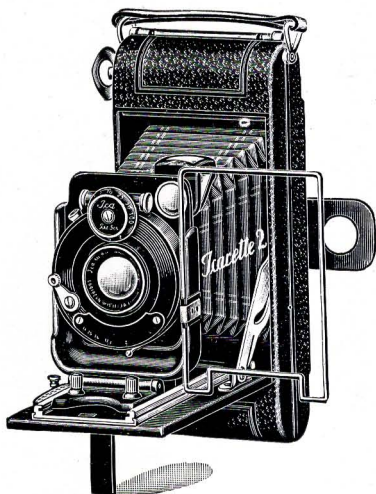
For roll films $2\frac{1}{4} \times 3\frac{1}{4}$ in.

This is a cheaper model of the No. 500 same size. It has a solid body with leather covered back. The loading of the film is the same as with the 500. The camera has a fixed lens front, and reversible brilliant finder. (No. Iconometer), two tripod screws for horizontal and vertical exposures and a small stand. Focussing on near objects is done by means of a scale.

Dx.....\$16.00 Ex.....\$18.50

D lens is a double aplanatic Helios F 8.

ICARETTE II CAMERA



No. 500/1

FOR ROLL FILMS $3\frac{1}{4} \times 2\frac{1}{4}$ in.

Dimensions..... $6\frac{1}{2} \times 2\frac{5}{8} \times 1\frac{1}{4}$ in.

Weight..... 23 ozs.

This camera is built with the U-shape front which is synonymous with strength and durability besides ensuring absence of vibration.

Two finders are provided an "Iconometer" Direct vision finder and a Brilliant view finder.

The camera has a vertical rising front.

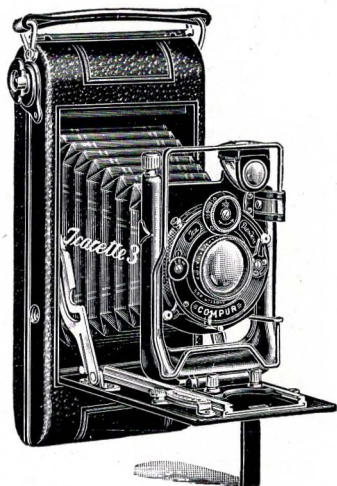
This size camera is extremely popular owing to the pleasing effect of the oblong picture made by it.

It is covered with a fine grain leather and is admittedly one of the most popular models manufactured.

No. 500 Ex.....	\$25.00	No. 500 Tcp.....	\$49.00
No. 500 Rcp.....	34.00	No. 500 Ucp.....	58.00
No. 500 Gcp.....	46.25		

Leather Case.....\$3 50

ICARETTE III CAMERA



No. 501

For Roll Films $4\frac{1}{4}$ in. x $2\frac{1}{2}$ in.
 Dimensions: $3\frac{3}{4}$ x $1\frac{1}{2}$ x 8 in.
 Weight: $29\frac{1}{2}$ ozs.

No. 502

For Roll Films $2\frac{1}{2}$ in. x $4\frac{1}{4}$ in.
 and Glass Plates $3\frac{1}{2}$ x $2\frac{1}{2}$ in.
 Dimensions: $3\frac{3}{4}$ x $1\frac{1}{2}$ x 8 in.
 Weight: $29\frac{1}{2}$ ozs.

This camera can be supplied either with or without plate back, model No. 501 is for use with roll films only and model No. 502 for use with roll films and plates.

The compactness of the camera is one of the distinguishing features. It is made with the U-shaped front and combines all the popular characteristics of Ica cameras.

The picture made with this camera has long been one of the most popular sizes on the market and this, together with its enviable reputation for good work has made it the invaluable friend of many.

As with the Icarette II this camera is supplied with an Icometer direct vision finder and brilliant view finder and has rising front.

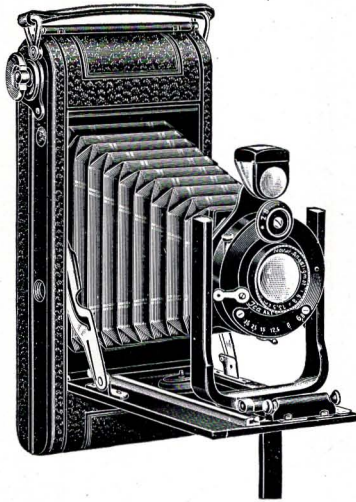
No. 501 Rcp.....	\$38.00	No. 502 Rcp.....	\$41.50
No. 501 Gcp.....	52.50	No. 502 Gcp.....	56.00
No. 501 Tcp.....	54.75	No. 502 Tcp.....	57.50
No. 501 Ucp.....	63 00	No. 502 Ucp.....	66.50

Leather Case, \$4.75

G36/1 Focussing Screen.....	\$1.65	721/3 Single Metal Slides....	\$0.45
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ICARETTE CAMERA

No. 503



For Roll Films $2\frac{1}{2}$ in. x $4\frac{1}{4}$ in.

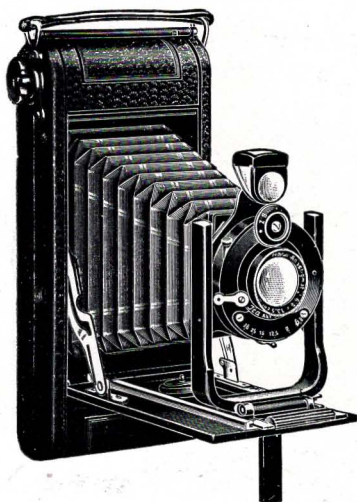
This is a cheaper model of the 501 and in construction similar to the 498.

Focussing on near objects is done by means of a dentated scale with a sideway shift. It has a foot for vertical time exposures. The film runs on rollers which preserve the emulsion from being scratched. It is very light and compact.

Dx.....\$18.50 Ex.....\$21.50

Leather Case, \$4.75

ICA HALLOH AND LOLA CAMERAS



No. 510

For roll films $4\frac{1}{4} \times 3\frac{3}{4}$ in. and plates 9×12 cm.

Dimensions: $3\frac{3}{4} \times 1\frac{1}{2} \times 8$ in.

Weight: $29\frac{1}{2}$ ozs.

Single extension Rack focussing
Rising and cross front.

No. 511

For roll films $4\frac{1}{4} \times 3\frac{3}{4}$ in. and plates 9×12 cm.

Dimensions: $3\frac{3}{4} \times 1\frac{1}{2} \times 8$ in.

Weight: 30 ozs.

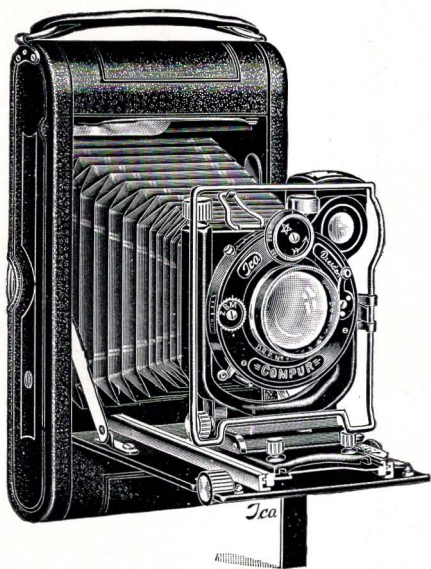
Single extension, Semi-circular lever focussing, Rising and cross front.

Both models are fitted with reversible Brilliant view finders and well suited to the general requirements of the amateur photographer.

No. 510 Dx.....	\$29.50	No. 511 Dx.....	\$29.50
No. 510 Rcp.....	41.50	No. 511 Rcp.....	41.50
No. 510 Gcp.....	61.50	No. 511 Gcp.....	56.00
No. 510 Tcp.....	60.00	No. 511 Tcp.....	60.00
No. 510 Ucp.....	71.50	No. 511 Ucp.....	66.00
G 39/2 Focussing Screen.....			\$2.25
721/6 Single Metal Slides.....			.45
725/4 Metal Carriers to use $\frac{1}{4}$ Plates.....			.20
Leather Case.....			4.75

ICA NIXE CAMERA

A DOUBLE-EXTENSION CAMERA FOR ROLL FILMS OR PLATES



No. 555

For Films $4\frac{1}{4} \times 3\frac{1}{4}$ in. and Plates 9 x 12 cm.
 Dimensions: $8 \times 1\frac{3}{4} \times 4\frac{3}{4}$ in.
 Weight: 40 ozs.

The Nixe No. 555 embodies all the necessary movements essential to the advanced amateur, tourist or explorer, etc.

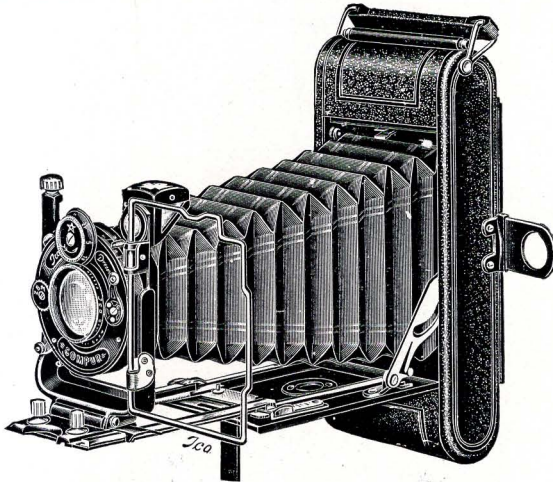
Double extension, rack focussing, rising and cross movements reversible brilliant view finder and spirit level are all included in this admirable outfit. The finish leaves nothing to be desired. It is covered with the finest quality leather and has leather bellows.

The outfit includes camera, lens and Comp. shutter with cable release.

No. 555 Rcp.....	\$46.00	No. 555 Tcp.....	\$68.00
No. 555 Gcp.....	71.00	No. 555 Ucp.....	80.00
39/1 Focussing Screen.....			\$2.25
721/6 Single Metal Slides.....			0.45
Leather Case			5.00

Prices for Yellow Filters, Distar and Delta Cases on application.

ICA LLOYD AND NIXE CAMERAS



No. 575

For Postcard Roll Films $5\frac{1}{2} \times 3\frac{1}{4}$ in.
or Plates $5\frac{1}{2} \times 3\frac{1}{2}$ in.
Single Extension.
Dimensions: $9\frac{1}{2} \times 1\frac{3}{4} \times 4\frac{3}{4}$ in.
Weight: 42 ozs.

No. 595

For Postcard Roll Films $5\frac{1}{2} \times 3\frac{1}{4}$ in.
or Plates $5\frac{1}{2} \times 3\frac{1}{2}$ in.
Double Extension
Dimensions: $9\frac{1}{2} \times 1\frac{3}{4} \times 4\frac{3}{4}$ in.
Weight: 45 ozs.

The Lloyd Camera No. 575 is a single extension camera well adapted for all the usual requirements.

A thoroughly good postcard camera it can be fitted with any of the popular lenses listed and can be supplied Compur or with automatic shutter model X or XI.

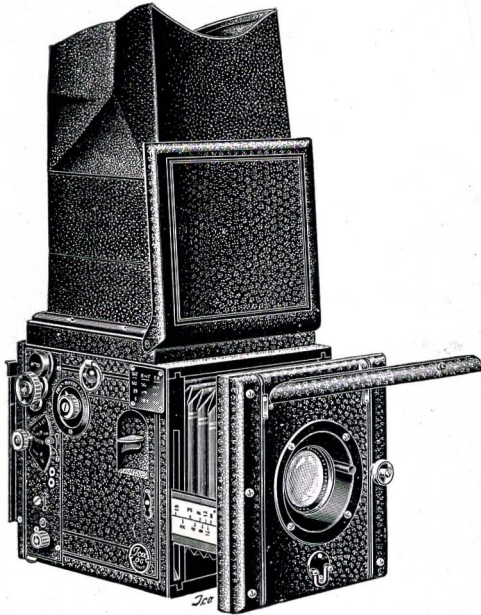
The camera has Reversible Brilliant View Finder, spirit level and rising front movement. Focussing is accomplished by the rack and pinion movement.

For those who require the Double Extension the Nixe 595 should fill their requirements. This camera is extremely well finished and all parts are of the finest quality. It combines all the characteristics of the former models listed of this series and is indeed by reason of its adaptability to either roll films or plates, an invaluable instrument.

The outfit includes camera, lens and Compur shutter with cable release.

No. 575 Dx.....	\$36.00	No. 595 Rcp.....	\$51.50
No. 575 Rx.....	40.00	No. 595 Gcp.....	77.00
No. 575 Rcp.....	47.00	No. 595 Ucp.....	87.50
No. 575 Tcp.....	67.50		
G25/1 Focussing Screen.....			\$2.40
721/8 Single Metal Slides.....			0.55
Leather Case.....			6.00

ICA REFLEX CAMERA



No. 748

For plates or film packs
 $3\frac{1}{2} \times 2\frac{1}{2}$ in.
 Dimensions: 5 x 5 x 6 in.
 Weight: 54 ozs.

No. 756/1

For plates or film packs
 $4\frac{1}{4} \times 3\frac{1}{4}$ in.
 Dimensions: $6\frac{3}{4} \times 5\frac{3}{4}$
 x 7 in.
 Weight: 72 ozs.

No. 758/1

For plates or film packs
 $5\frac{1}{2} \times 3\frac{1}{2}$ in.
 Dimensions: $6\frac{1}{2} \times 7 \times$
 $7\frac{1}{2}$ in.
 Weight: 80 ozs.

The Ica Reflex Camera embodies simplicity with efficiency to a remarkable degree.

A triple blind with fixed aperture ensures even exposures. Instantaneous exposures from 1/15 to 1/1000 of a second may be given and Time.

The mirror is everset but may be locked so that the camera may be used without it.

The quarter plate model has a reversing back.

Both models have rising front, focussing screw, infinity catch, scale and cable release.

The Ica Reflex is beautifully made and offers the finest possible value in this class of instrument.

748 G.....	\$100.00	756/1 G.....	\$ 93.50	758/1 G.....	\$121.00
748 U.....	112.00	756/1 U.....	106.00	758/1 U.....	140.00
729/5 Slides.....	.45	760/14 Slides.....	.60	760/17 Slides.....	.70
723/3 Adapter..	1.60	768/14 Adapter	2.00	768/17 Adapter	2.40
Case.....	11 00	Case.....	11.50	Case.....	13.00

ICA KINAMO

THE SMALLEST COMPLETE CINEMA TAKING CAMERA FOR
STANDARD FILMS

*A simple yet perfectly designed apparatus for
Home Cinematography or Professional use for
short topical incidents, etc.*



The *Ica Kinamo* is the smallest cinematograph apparatus for taking Cinema pictures on Standard size film

It has been designed chiefly as an instrument for Amateur Cinematography, but Professional Operators will find it extremely useful for short topical scenes and incidents, its small size and light weight making it available for use where larger machines might be inconvenient, or even objected to.

The *Kinamo* is no larger than an average quarter plate camera, and very little heavier. Notwithstanding its small size, which is the result of many experiments and ingenious contrivances, it works very easily, and almost silently, and embodies all the requirements of a modern cinema taking camera. All working parts are well protected, no additional protecting casing being necessary.

The *Kinamo* is geared for two speeds, one fast or normal, the other some eight times slower, for trick or scientific cinematography.

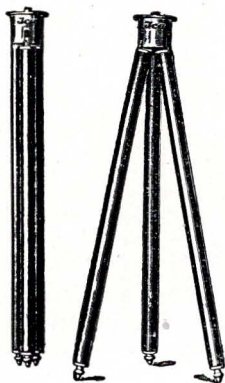
SPECIAL ADVANTAGES:

1. *Easy loading of film*
2. *Large aperture lenses in focussing mounts with Iris diaphragm, focal length 4 cm*
3. *Iconometer direct vision finder*
4. *Two speeds*
5. *Standard film*

The *Kinamo* spool holder is loaded in the dark room, but can be placed in the camera in daylight; extra spool holders can be supplied.

30 Ft. Film		30 Ft. Film	
No. 5401 K.....	\$ 85.00	No. 5402 K.....	\$70.00
No. 5401 L.....	100.00	No. 5402 L.....	88.00
Extra Spool Holder for 50 ft. of film.....			\$3.50
“ “ “ “ 80 “ “ “.....			4.00

METAL TELESCOPIC TRIPODS



Round Top Tripods

ATOM No. 1612

A metal tripod of superior finish, invaluable for stand work with small hand cameras. Automatic closing. Light and portable. Three sections. \$3 25

Open 39 in. Closed 17½ in.

TRIUMPH No. 1613

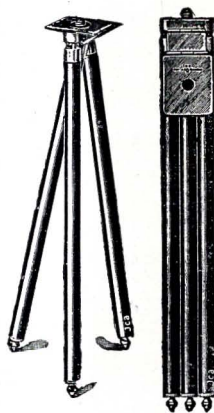
An extremely compact and well-made tripod. Four sections. Automatic closing. It combines great rigidity with portability. \$3.75

Open 40 in. Closed 16 in.

TOSKA No. 1615

This is a strongly built tripod of five sections. It will take cameras of the larger sizes without fear of collapse. Automatic closing. Light and portable. \$4.50

Open 50 in. Closed 24½ in.



Square Top Tripods

AVISO No. 1627/2

A three section tripod of exceptional rigidity and strength. Superior finish. \$4.50

Open 45½ in. Closed 17½ in.

FAVORIT No. 1627/6

A most compact tripod, much used by tourists and travellers on that account. Five sections. Automatic closing. Superior finish. \$5.00

Open 50 in. Closed 14½ in.

JUL No. 1627/16

A seven section tripod, very strong, rigid and portable indeed. Can be used with perfect safety for hand or stand cameras. Automatic closing. \$5.50

Open 49 in. Closed 21½ in.

WOODEN TRIPODS

SNAP PATTERN,
CONSTRUCTED OF
FINE GRAIN,



THOROUGHLY RIGID
AND
RELIABLE

No. 1645

Strongly made wooden tripod with self locking action. Extremely rigid and light. Three fold.
Extended 52 in. Closed 22 in.

No. 1644

A compact tripod of extreme rigidity, indispensable to traveller or tourist alike. Thoroughly reliable. Four fold.
Extended 40 in. Closed 17½ in.

No. 1660

A beautifully finished wooden tripod. Thoroughly rigid and reliable. Self locking action. Four fold.
Extended 40 in. Closed 16½ in.

No. 1661

Finely finished wooden tripod. Self locking action. Suitable for large outfits owing to great rigidity. Three fold.
Extended 56 in. Closed 22 in.

No. 1671

Strongly made tripod, ebonized beech. Self locking action, suitable for heavy cameras. Three fold.
Extended 56 in. Closed 22 in.

No. 1672

Four fold wooden tripod, strong and compact. Suitable alike for hand and stand camera up to ½ plate. Beautiful finish.
Extended 52 in. Closed 18 in.

No. 1645.....	\$2.50	No. 1644.....	\$3.00	No. 1660.....	\$4.50
No. 1661.....	3.00	No. 1671.....	3.50	No. 1672.....	4.60
Mailcloth Case.....	\$1.00	Leather Case.....			\$1.75

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A novel and useful little instrument giving accurate exposures for any subject.

You simply view the subject through the eye piece and read the correct exposure against the diaphragm f/ Value.

No. 1321 5.....\$1.50

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The Universal Palmos 9 by 12 cms., Inexpensive box and magazine cameras, Folding cameras, tropical and ordinary models, 9 by 12 cms., 10 by 15 cms. and 23 by 18 cms.

THE ICA CO. ALSO MANUFACTURE:

Dark room lamps; Print trimmers; Printing frames, Printing boxes; Stereoscopes; Stereoscopic apparatus; Universal flanges; Enlargers, day and artificial light; Projection lanterns; Cinematographs and all accessories.

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