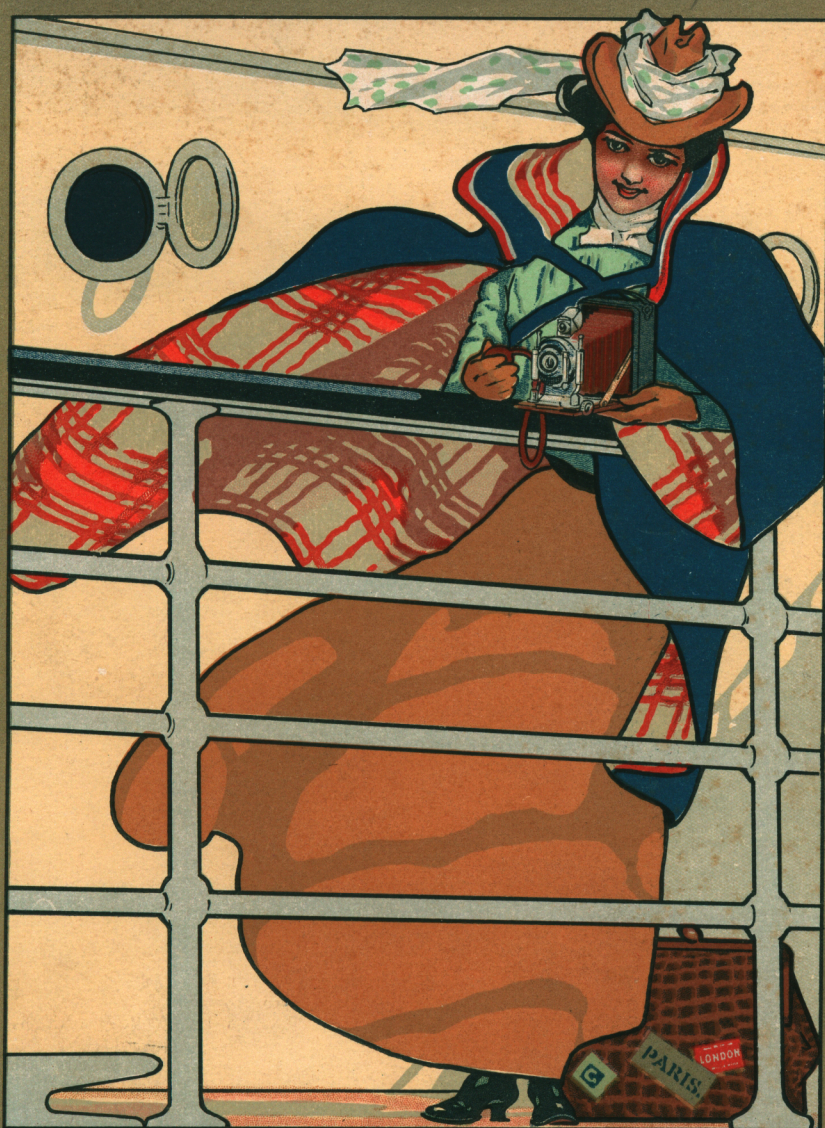




PREMOS

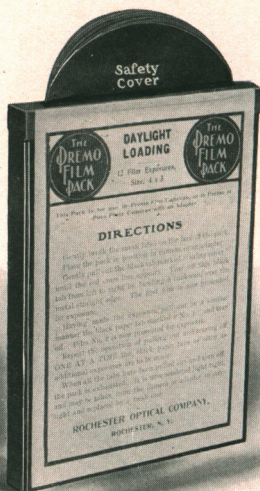
1704

Premo Cameras



Manufactured by
Rochester Optical Company
Rochester, New York
U. S. A.

Premos as Film Cameras



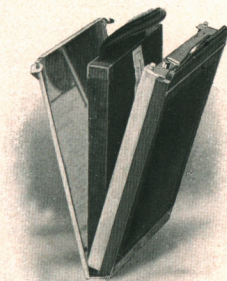
PREMO cameras have a new value. By means of the Premo Film Pack, one of the most important of recent photographic inventions, any $3\frac{1}{4} \times 4\frac{1}{4}$ or 4×5 Premo Plate camera becomes a daylight loading film camera—a combination camera, with all the advantages of both plates and film; with none of the drawbacks of either.

As to the relative merits of glass plates and film, amateur photographers have always been divided. Advocates of film have argued the lightness, convenience and points of chemical superiority of their favorite material; glass plate users have maintained that being able to focus on the ground glass outweighed any advantage film might otherwise possess. That film is infinitely handier than plates there is no question. The desirability of focusing on ground glass, of seeing every picture just as it is going to be, likewise is undisputed. Since the beginning of film photography it has been the constant problem of camera manufacturers to, in some practical way, combine the great convenience of film with the advantage of focusing on the ground glass. This problem has at last been worked out in a manner wonderfully simple and effective. The Premo Film Pack is the solution, and the value of what have always been the most desirable of photographic instruments, Premo cameras, is thereby enormously increased.

How the Pack is used

The Premo Film Pack consists of twelve flat, cut films, packed together in a light-proof paper case the size of an ordinary plate holder, with an opening at one side the exact size and shape of the film to be exposed. From the top of this case thirteen black paper tabs protrude, twelve of which are the ends of black paper lying between each film, the remaining one, marked "safety cover," being the end of black paper which protects the entire pack from light. Each of the twelve tabs is numbered, the numbers referring to the different sheets of film to which the tabs are attached. The complete pack weighs less than an ordinary plate holder, even though containing material for twelve negatives instead of two.

The operation of the Film Pack is to the last degree simple. Let us suppose the camerist has a Premo plate camera, $3\frac{1}{4} \times 4\frac{1}{4}$ or 4×5 . To use film he will want an inexpensive adapter to take the place of his plate holder and a Premo Film Pack to take the place of his plates.



Film Pack in Adapter

The Film Pack he will find loads into his adapter much easier than plates into his holder, and it can be done in daylight. The adapter containing the Film Pack (12 exposures) he will find loads into his camera just like his plate holder and in just the same place. Having focused his picture on the ground glass just as though plates were to be used, he will then insert the adapter containing the Film Pack. He will then remove the slide, pull out the tab in the Film Pack marked "safety cover" and film No. 1 is presented for exposure.

After this exposure has been made, he pulls out from the pack tab marked No. 1, which operation rolls film No. 1 around to the back of the pack, leaving film No. 2 presented

for exposure. This exposure being made, tab No. 2 is pulled out and film No. 3 is ready, and so on through the twelve. With the drawing out of tab No. 12 a black paper is left, sealing the pack light tight. As each tab is drawn out, it is not left attached to the pack, but, being of no further use, is torn off across the metal edge and thrown away.

With the Film Pack it would be possible for the operator to make the whole twelve exposures in as many seconds if he did not move his camera. If, however, he would focus on the ground glass between each exposure, he merely replaces the dark slide and, like a plate holder, the adapter containing the Film Pack may be safely removed. Again, the plate camerist may wish to substitute plates for certain pictures instead of the film. As indicated, the adapter and pack may be removed at any moment, a plate holder and plates substituted for the desired exposures, film operations being afterward resumed by the insertion of adapter containing pack. The Premo Film Pack may be used with any Premo or Poco plate camera, $3\frac{1}{4} \times 4\frac{1}{4}$ or 4×5 size, without alteration. With some makes of cameras trivial alterations might perhaps be necessary.

Quality of the Film

The films used in the Premo Film Pack are perfect. They are manufactured especially for us by the Eastman Kodak Co. Chemically they are the same as the new N. C. (Non-Curling) Film which that company has recently placed on the market. They do not curl in development. They are non-halation. They are orthochromatic to a marked degree, being very sensitive to yellow, and are, in consequence, very "rapid" on dull, "yellow" days. Being, of course, unbreakable, they may be handled by the amateur himself in development with no fear of breakage, or may be sent in the Film Pack through the mail to be developed by a professional, with the assurance that they will go safely. A marked advantage of using film in the Film Pack is that, being flat, an even surface is always presented for exposure, while the films may in development be handled one at a time.

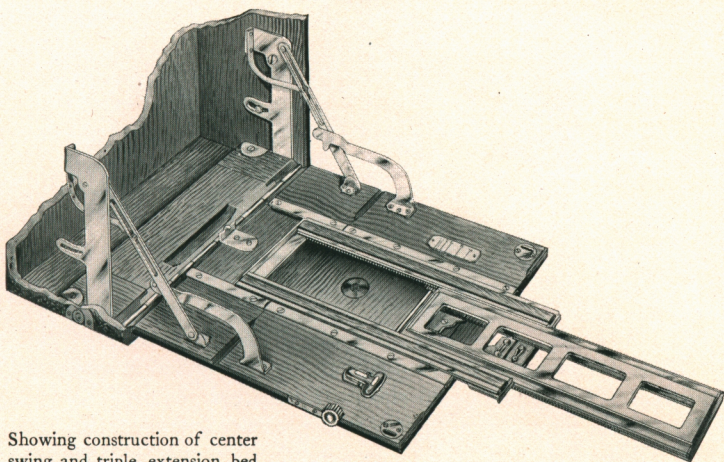
The Premo Film Pack in itself offers such a simple and convenient method of using film, that we have designed cameras which are exclusively for film. These are the Folding Premo Film camera and the Premo Box Film camera described in succeeding pages of this catalogue.

Premo Construction

THE first step toward the manufacture of a camera is the selection of material. Lumber, leather, metal and everything used varies in price and to the average purchaser the appearance would be equal, but by constant wear the defects must become apparent, and if poor material is used in construction the purchaser of the camera is the loser. With our long experience we have been taught that the best material obtainable proves the cheapest in the end.

Perfect construction can only be obtained by all parts being made accurately so that no extra fitting is necessary. Our cameras are made throughout on the duplicate plan and a part from one camera is interchangeable with a corresponding part from a similar camera. With a spacious factory, equipped with the latest improved machinery, peopled with the best mechanics the world affords, and a system that it has taken years of experience to perfect — is it surprising that we have produced a line of cameras acknowledged by the world as standard — THE PREMOS!

Premo cameras are made in many styles, and equipment to satisfy the most exacting purchaser can readily be selected from our stock. All improvements and adjustments known to cameras are incorporated in them, besides many features known only to our products. We illustrate and briefly describe a few of our patented features wholly owned and controlled by us.



Showing construction of center swing and triple extension bed

Premo Center Swing Back

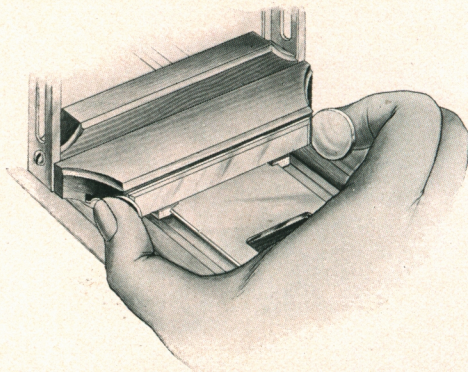
The customary form of swing back works from the bottom, and by such arrangement the axis of the lens is thrown away from the center of the plate. The Premo swing back, as illustrated on preceding page, works from the center, which is optically correct, and does not change the focus from what is indicated by the scale, thereby giving parallel lines, which allows successful use of the swing no matter what the subject may be.

The construction is such that a part of the bottom of the camera proper to which the bed is attached moves forward; thus the entire front swings from a point at a horizontal line from the center of the plate. This swing works with a rack and pinion movement and will lock at any angle desired.

Premo Triple Extension Bed

This extension bed is made entirely of metal, which construction overcomes the possibility of trouble on account of atmospheric changes. One pinion works the entire bed and also serves to lock it rigidly at any point desired. When the first section has been extended it automatically locks itself rigidly and the next section begins to move. No friction or lost motion exists and the same perfect free movement is had whether the bed is fully or partly extended.

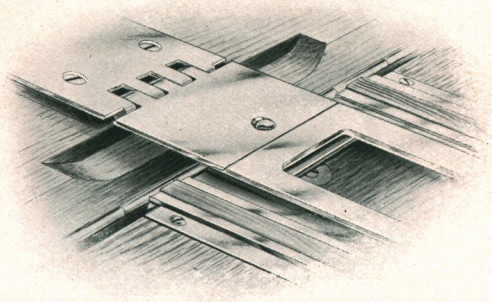
Premo Automatic Standard Clamp



This device locks the standard firmly to the bed at any point desired. The illustration shows the feature plainly. Simply grasp with thumb and finger, this pressure releases the lock and allows the standard to be drawn outward. When the

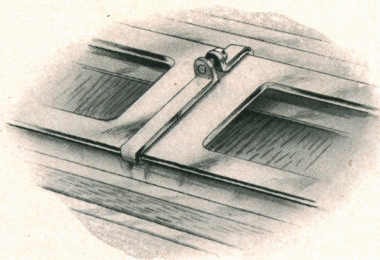
pressure is released it locks automatically. In using this form of clamp all possibility of slipping is avoided and the effectiveness of this method produces the most rigid standard in existence.

Premo Automatic Bridge



This novel arrangement, wholly a Premo feature, can hardly be dispensed with, especially on cameras of the larger sizes. The Premo Automatic Bridge allows the front standard to slide smoothly the entire length of the draw. The construction provides a runway that connects the track of the front bed to the track of the camera proper when the bed is let down in preparation for an exposure. It works automatically and requires no attention. The action of letting down the bed springs the bridge in position, and the action of closing the bed releases it.

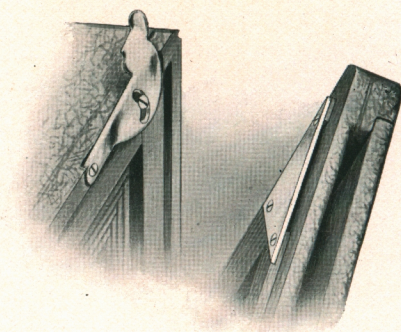
Universal Bed Stop



The Universal Bed Stop consists of a band attached to the runway of the camera bed, which can be firmly clamped at any

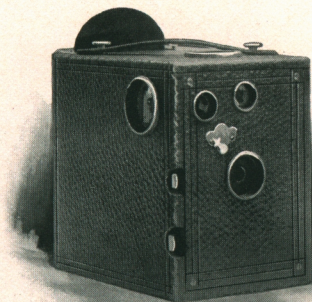
point desired. The advantage in making exposures of objects at a distance can readily be appreciated, as with this stop at the point where the lens becomes of universal focus, the standard is drawn outward as far as possible when the lens is in correct focus. By this method time is saved, as it overcomes the necessity of focusing by use of the ground glass or graduated scale.

Premo Reversible Back Fastener



In the difficult branches of photography it sometimes happens that after the camera has been carefully adjusted, centered upon the tripod and accurately focused, it is found that more artistic effects could be produced by making a vertical instead of a horizontal picture, or vice versa. In reversing the back to make this change, it must necessarily be done without changing the position of the camera proper, in which case the focus would be changed and a great amount of time wasted, besides the delay in readjusting and refocusing. In order to avoid the possibility of moving the camera when changing the back, we have devised the Premo Fastener, as illustrated above, which can be used readily, works easily and attaches the back rigidly without any part protruding. Owing to its simplicity the back of a Premo can be reversed almost instantly. The construction of this fastener is such that no springs are required; there is no possibility of its getting out of adjustment, and the back of the camera is always rigid, and as all the bearings are metal it cannot loosen by constant wear, and the many advantages which this little device offers are points well worth considering.

Premo Box Film Camera



For $3\frac{1}{4} \times 4\frac{1}{4}$ and 4×5 Pictures

	$3\frac{1}{4} \times 4\frac{1}{4}$	4×5
Dimensions	$4 \times 5\frac{1}{2} \times 5\frac{3}{4}$ ins.	$4\frac{3}{4} \times 6\frac{1}{4} \times 9\frac{1}{2}$ ins.
Weight	20 ozs.	25 ozs.
Achromatic Lens, focal length	$5\frac{1}{8}$ ins.	$5\frac{3}{4}$ ins.
Capacity	12 exposures	12 exposures

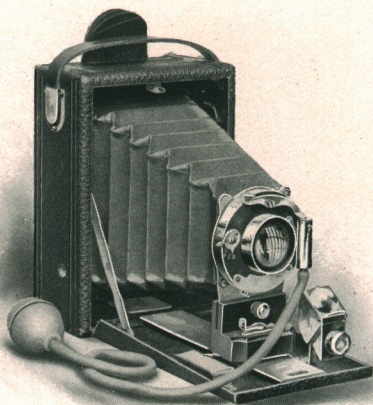
THE Premo Box Film Camera is designed for the use of the Premo Film Pack, and is simple in every detail and easily operated by the inexperienced. The lens is achromatic, always in focus, and of sufficient length to avoid distortion. The shutter can be set for snap shots or time exposures, works automatically and sets itself for the next exposure. Brilliant finders, both vertical and horizontal, show the object just as it will appear in the picture. Sockets for tripod are also provided. The metal parts are nickel finished. With the advantage of the film pack, the automatic shutter, which is always set, the lens, which is always in focus, and the form of box being non-folding, exposures can be made in rapid succession. The method of loading is extremely simple, as the aluminum back cover hinges, is simply opened and the pack dropped in place, closed, and everything is ready for making pictures.

PRICES

	$3\frac{1}{4} \times 4\frac{1}{4}$	4×5
Premo Box Film Camera	\$5.00	\$6.50
Premo Film Pack, 12 exposures	.70	.90
Carrying Case	1.50	1.75

Premo Folding Film Camera

No. 1



For $3\frac{1}{4} \times 4\frac{1}{4}$, $3\frac{1}{4} \times 5\frac{1}{2}$ and 4×5 Pictures

	$3\frac{1}{4} \times 4\frac{1}{4}$	$3\frac{1}{4} \times 5\frac{1}{2}$	4×5
Dimensions	$2\frac{1}{8} \times 4 \times 5\frac{1}{2}$ ins.	$2\frac{1}{4} \times 4 \times 6\frac{3}{4}$ ins.	$2\frac{1}{4} \times 4\frac{3}{4} \times 6$ ins.
Weight	18 ozs.	20 ozs.	20 ozs.
Double R. R. Lens, focal length	$5\frac{1}{8}$ ins.	$6\frac{1}{4}$ ins.	$6\frac{1}{4}$ ins.
Capacity	12 exposures	12 exposures	12 exposures

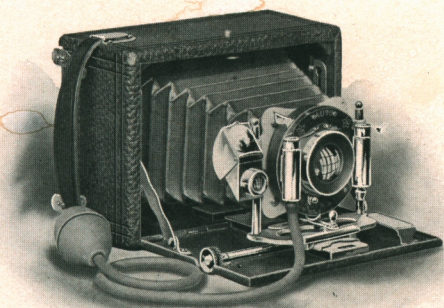
THE design of this Premo produces a very compact outfit that will appeal to the tourist, as the dimensions when folded are such that it can be carried in the ordinary coat pocket. The lens is a double rapid rectilinear; the shutter, automatic for making time or instantaneous exposures with bulb or finger release; tripod sockets for making vertical or horizontal pictures are provided. The standard is arranged with sliding movement. The finder is brilliant, mounted entirely with metal. The front bed and back cover are aluminum, which makes compactness, reduces weight and adds attractiveness to the camera. This Premo is wholly a film outfit for use of the Premo Film Pack, is of good construction and reliable in every way.

PRICES

	$3\frac{1}{4} \times 4\frac{1}{4}$	$3\frac{1}{4} \times 5\frac{1}{2}$	4×5
Premo Folding Film Camera	\$10.00	\$12.50	\$12.50
Premo Film Pack, 12 exposures	.70	.80	.90
Black Sole Leather Carrying Case	1.50	1.75	1.75

Premo Folding Film Camera

No. 2



For $3\frac{1}{4} \times 4\frac{1}{4}$ Pictures

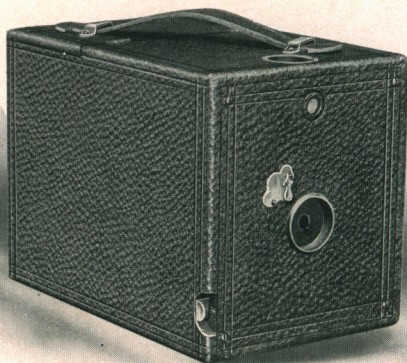
Dimensions	$2\frac{1}{2} \times 4 \times 5\frac{5}{8}$ ins.	Extra R. R. Lens, focal length	$5\frac{1}{8}$ ins.
Weight	25 ozs.	Capacity	12 exposures

THIS Premo is of the best construction throughout and of very fine finish. All the advantages of the No. 1 as described on the preceding page are included. In addition this camera has a rack and pinion for fine focusing, also an automatic standard clamp. The covering is a fine quality of grain leather, wood parts mahogany, and trimmings nickel finish, the front bed and back cover being entirely of aluminum. The lens is of exceptional quality, a double rapid rectilinear with speed that warrants full exposure even when the light is not strong. The illustration above shows the camera with B. & L. automatic shutter, which allows exposures made from $1/100$ of a second to any time desired. When fitted with Gem automatic shutter, time, bulb or snap shots can be made and this shutter will be very satisfactory for ordinary work. The construction of this Premo also allows the fitting of anastigmat lenses, thus producing a model high grade daylight loading camera.

PRICES

Premo Folding Film Camera No. 2, Gem Automatic Shutter	\$12.50
Premo Folding Film Camera No. 2, B. & L. Automatic Shutter	15.00
Premo Film Pack, 12 exposures	.70
Black Sole Leather Carrying Case	1.75

Cyclone Junior



For $3\frac{1}{2} \times 3\frac{1}{2}$ Pictures

Dimensions $4\frac{3}{4} \times 5\frac{1}{4} \times 7\frac{1}{4}$ ins.
Weight 15 ozs.

Capacity (3 Double Holders) 6 exposures
Achromatic Lens, focal length $5\frac{1}{8}$ ins.

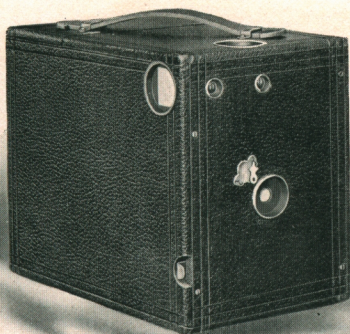
THE Cyclone Junior is constructed for the use of glass plates only, and although the most moderate in price of any outfit listed is in no way a cheap camera. The lens is of universal focus and covers the plate to the extreme corners, producing negatives of wonderful detail of objects at a distance of eight feet or more. The shutter is always set and one lever acts for both instantaneous and time exposures. Owing to the simplicity of this design it makes a very desirable outfit for the beginner, who can feel confident of obtaining satisfactory results without any great expense. A finder for centering the object and a socket for tripod allows this camera to be used as a hand outfit or with a tripod. As furnished the price includes one double plate holder for glass plates $3\frac{1}{2} \times 3\frac{1}{2}$ inches. The compartment at the rear end of the camera allows carrying two extra holders.

PRICES

Cyclone Junior
Double Plate Holder

\$3.50
.75

Cyclone Senior



For 4 x 5 Pictures

Dimensions 5 $\frac{1}{4}$ x 6 $\frac{3}{4}$ x 8 ins.
Weight 22 ozs.

Achromatic lens, focal length 5 $\frac{3}{4}$ ins.
Capacity (3 Double Holders) 6 exposures

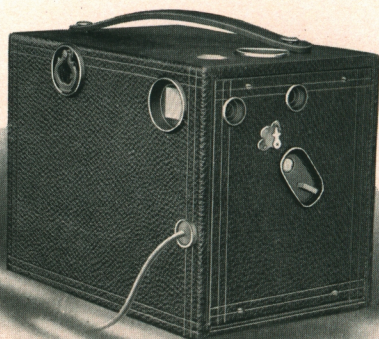
*I*N general appearance this camera resembles the Junior, as described on the preceding page, but for those who prefer an oblong picture, larger in size, this outfit will be found the most desirable. The lens is achromatic, of the meniscus combination, has great depth and covering capacity without the least distortion. The regular Premo automatic shutter, for time exposures or snap shots, and finders for oblong or vertical pictures, are provided. The construction of all Cyclone cameras is such that they can be used with success by the beginner without any danger of breaking any of the working parts, everything being made rigid and not liable to get out of order. With the outfit, instructions are furnished for the novice, which overcomes the possibility of errors in manipulation. One double holder for glass plates is included, and, like the smaller Cyclone, there is capacity for two additional.

PRICES

Cyclone Senior
Double Plate Holder

\$4.00
.80

Magazine Cyclone



For $3\frac{1}{4} \times 4\frac{1}{4}$ and 4×5 Pictures

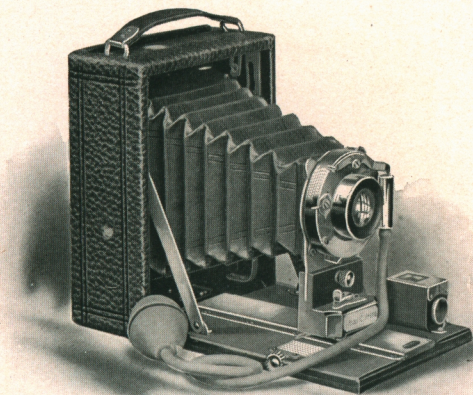
Dimensions	$3\frac{1}{4} \times 4\frac{1}{4}$	4×5
Weight	$5 \times 6 \times 7\frac{1}{2}$ ins.	$5\frac{3}{4} \times 6\frac{3}{4} \times 8\frac{1}{4}$ ins.
Achromatic Lens, focal length	37 ozs.	49 ozs.
Capacity	$5\frac{1}{8}$ ozs.	$5\frac{7}{8}$ ins.
	12 exposures	12 exposures

THE Magazine Cyclone will be found the ideal outfit for those who prefer using glass plates or cut films, as with this construction twelve exposures can be made without opening the camera. In making an exposure but two simple movements are required — releasing the shutter, either by bulb or button, and turning the key which places a fresh plate in position for the next exposure. The Premo automatic shutter, equipped with bulb and hose, can be used for both time and instantaneous exposures. Brilliant view finders and a lens of the best, always in focus, and sockets for tripod, add to the value. The method of loading is very simple, the plates being placed in aluminum carriers, each one independent of the other, thus permitting the exposed plates to be removed without injury to the others. Price includes twelve carriers.

PRICES

Magazine Cyclone	$3\frac{3}{4} \times 4\frac{1}{4}$	4×5
Aluminum Carrier	\$8.00	\$10.00
Sole Leather Carrying Case	.10	.10
	2.25	2.50

Pocket Premo C



For $3\frac{1}{4} \times 4\frac{1}{4}$ Pictures

Dimensions

Weight

Double R. R. Lens, focal length

$2 \times 4 \times 5\frac{1}{4}$ ins.

12 ozs.

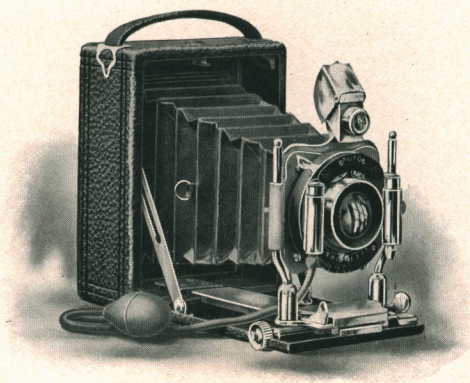
$5\frac{1}{8}$ ins.

THE Pocket Premo C is an ideal tourists' camera at a nominal cost. While in general appearance and workmanship it cannot compare with the regular Pocket Premo, it has all the adjustments and advantages, including rack and pinion for focusing, sliding front and brilliant reversible finder. The lens is a Rapid Rectilinear of good quality, and the shutter Gem Automatic. The wood parts are of mahogany, handsomely polished, and the fittings nickel finished. The regular Pocket Premo aluminum plate holder fits this camera and the Pocket Premo Film Pack Adapter fits interchangeably, giving the advantage of focusing on the ground glass with both when desired. Two sockets are provided, thus making a complete outfit for tripod work.

PRICES

Pocket Premo C	\$12.00
Single Plate Holder	.60
Black Sole Leather Carrying Case	1.50
Premo Film Pack Adapter	1.00
Premo Film Pack, 12 exposures	.70

Pocket Premo



For $3\frac{1}{4} \times 4\frac{1}{4}$ Pictures

Dimensions

$2\frac{1}{8} \times 3\frac{3}{8} \times 5\frac{1}{4}$ ins.

Weight

27 ozs.

Planatograph Lens, focal length

$5\frac{1}{8}$ ins.

THIS design of Premo construction furnishes a camera of the highest type, embodying all adjustments and improvements, and still of dimensions that will permit carrying in the pocket.

A large percentage of the material is composed of metal, the front bed and back cover being entirely of aluminum, which saves in weight and thickness, and also overcomes the possibility of warping, shrinking or swelling.

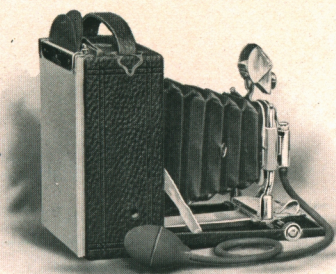
The Planatograph lens is of exceptional value, and works at $f: 8$. The Auto shutter works automatically, and will expose from $1/100$ of a second to any time desired, with great accuracy. This shutter is fitted with Iris diaphragm and mounted to a metal standard, with device for raising or lowering the lens as occasion may require.

This feature is very desirable when making pictures of buildings, as distortion can be avoided and unsightly foreground omitted.

A brilliant reversible finder with hood is mounted at the top of the standard, which will always register correctly, as

it moves in connection with the rising and falling front. The method of adjusting should be considered, as this can be done very accurately. The standard is drawn outward and automatically clamps itself when objects at a distance of 100 feet or more are in focus; for objects at closer range, adjustment is made with rack and pinion movement.

When used on a tripod, focusing can be accomplished either by the graduated scale or upon the ground glass. As furnished, this Premo is supplied with one aluminum back plate holder.



As a Film Camera

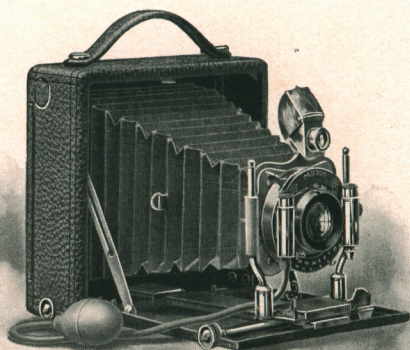
As a film camera, there is none better than the Pocket Premo, as a Film Pack Adapter fits interchangeably with the plate holder, which allows all the advantages of using film, and also the additional advantage of focusing upon a ground glass for each exposure if desired.

The combination of metal nickel finished, wood parts mahogany, bellows of maroon shade, and covering of black seal grain leather makes a very attractive high-grade camera — a perfect Pocket Premo.

PRICES

Pocket Premo	\$20.00
Single Plate Holder	.60
Black Sole Leather Carrying Case with compartment for 6 holders	2.50
Premo Film Pack Adapter	1.00
Premo Film Pack, 12 exposures	.70

Star Premo



For $3\frac{1}{4} \times 4\frac{1}{4}$ and 4×5 Pictures

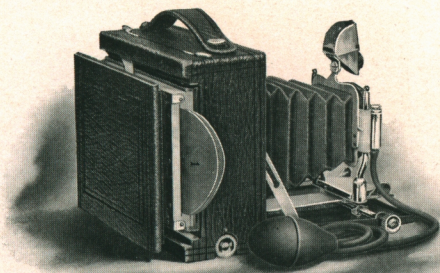
	$3\frac{1}{4} \times 4\frac{1}{4}$	4×5
Dimensions	$2\frac{1}{4} \times 5\frac{1}{4} \times 5\frac{3}{4}$ ins.	$2\frac{1}{2} \times 6 \times 6$ ins.
Weight	33 ozs.	37 ozs.
Planatograph Lens, focal length	$5\frac{1}{8}$ ins.	$6\frac{1}{4}$ ins.

THE variety of work readily performed with the Star Premo is almost unlimited, as it possesses features that hitherto have been found only in bulky professional outfits. Be the work of professional or amateur nature, the correct exposure can be made under the existing circumstances.

As a camera for architectural work there is no equal, as it has rising and falling front and swing back that work from the center. The advanced photographer appreciates these adjustments, as with their use distortion can be avoided.

All other improvements known to high-grade cameras are furnished, including brilliant finder with hood, rack and pinion for fine focusing, and reversible back. This form of back is very desirable, as upright or oblong pictures can be made without changing the position of the camera proper. The lens is our celebrated Planatograph working at $f: 8$; the shutter, an improved Bausch & Lomb Automatic with Iris diaphragm.

This outfit as furnished includes a sole leather carrying case to match the camera, also one double plate holder. The case is velvet lined and has a compartment for carrying four holders.



As a Film Camera

As a film camera for use of the Premo Film Pack no outfit will be found more desirable, as with the pack adapter, which fits interchangeably with the regular plate holder, every movement and advantage in using glass plates can be had, and the additional advantage of carrying twelve exposures in the same space as two plates.

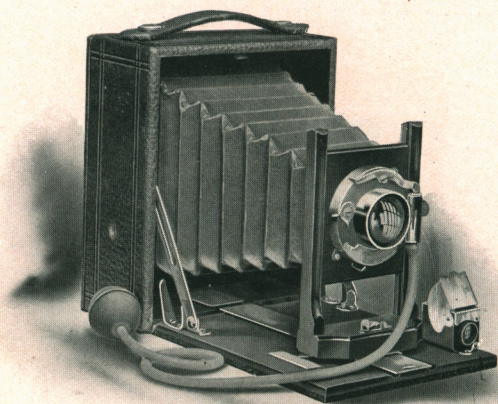
Each and every part of the Star Premo is positive and simple. The rack and pinion focusing attachment, swing back, rising and falling front and the automatic bed clamp, are all locking, which overcomes the possibility of errors in exposure on account of any part moving after it has once been placed in position. The front bed and focusing panel are of aluminum.

The covering is of the best quality leather of beautiful design, and throughout the Star Premo is a model of beauty, strength and accuracy.

PRICES

	$3\frac{1}{4} \times 4\frac{1}{4}$	4×5
Star Premo	\$25.00	\$25.00
Double Plate Holder	1.00	1.00
Premo Film Pack Adapter	1.00	1.50
Premo Film Pack, 12 exposures	.70	.90

Pony Premo No. 1



For 4 x 5 Pictures

Dimensions

Weight

Double R. R. Lens, focal length

$2\frac{1}{2} \times 5\frac{1}{4} \times 6\frac{1}{4}$ ins.

24 ozs.

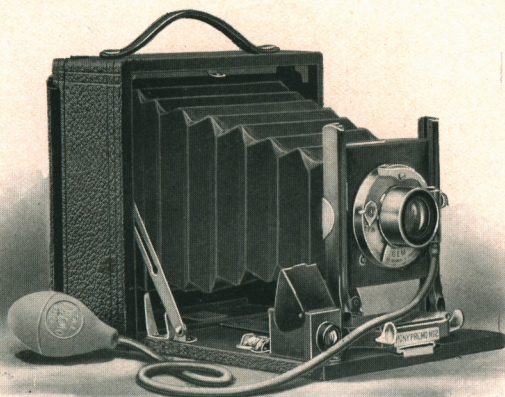
$6\frac{1}{4}$ ins.

OWING to the simplicity of everything pertaining to this camera it will be found very essential for the beginner. Although complicated in no way, equipment is furnished for making exposures to advantage under ordinary circumstances. The lens is a rapid rectilinear of good quality, the shutter Gem automatic, which is always set and works with bulb or lever. The finder is brilliant and fitted with hood. Tripod sockets are also provided. All metal parts are nickel finished; the wood mahogany, handsomely polished, the covering morocco grain leather. The front has rising and falling adjustment and the bed is very rigid, having two braces which lock automatically. As furnished one double plate holder and carrying case are included. The case has a separate compartment for four holders and is covered with imitation leather.

PRICES

Pony Premo No. 1	\$12.00
Double Plate Holder	1.00
Premo Film Pack Adapter	1.50
Premo Film Pack, 12 exposures	.90

Pony Premo No. 2



For $3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 , and 5×7 Pictures

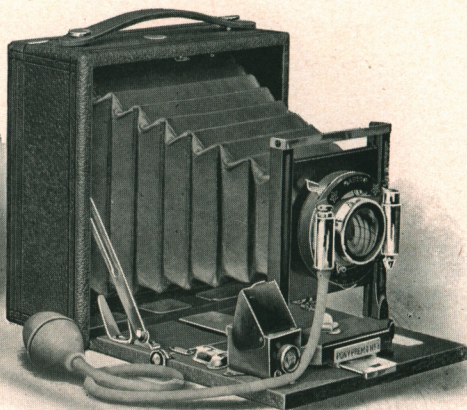
	$3\frac{1}{4} \times 4\frac{1}{4}$	4×5	5×7
Dimensions	$2\frac{1}{2} \times 5\frac{1}{4} \times 5\frac{1}{4}$ ins.	$2\frac{1}{2} \times 6 \times 6$ ins.	$3\frac{1}{4} \times 8\frac{1}{4} \times 8\frac{1}{4}$ ins.
Weight	24 ozs.	28 ozs.	50 ozs.
Double R. R. Lens, focal length	$5\frac{1}{4}$ ins.	$6\frac{1}{4}$ ins.	$8\frac{1}{4}$ ins.

*T*HE Pony Premo No. 2 corresponds to the model No. 1, the lens and shutter being of the same quality. In addition it has the advantage of a reversible back which can be reversed in an instant and allows making pictures either of a horizontal or vertical form, without changing the position of the camera proper. This Premo is equipped with a spirit level attached to the front bed, which will be found of value in adjusting the position of the camera when preparing for an exposure. As furnished, carrying case and one double plate holder are included. The Premo Film Pack Adapter, $3\frac{1}{4} \times 4\frac{1}{4}$ and 4×5 , fits in place of plate holder, thus converting this outfit into a daylight loading film camera when desired.

PRICES

	$3\frac{1}{4} \times 4\frac{1}{4}$	4×5	5×7
Pony Premo No. 2	\$14.00	\$14.00	\$18.50
Double Plate Holder	1.00	1.00	1.25
Premo Film Pack Adapter	1.00	1.50	
Premo Film Pack, 12 exposures	.70	.90	

Pony Premo No. 3



For $3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 and 5×7 Pictures

	$3\frac{1}{4} \times 4\frac{1}{4}$	4×5	5×7
Dimensions	$2\frac{1}{2} \times 5\frac{1}{4} \times 5\frac{1}{4}$ ins.	$2\frac{1}{2} \times 6 \times 6$ ins.	$3\frac{1}{4} \times 8\frac{1}{4} \times 8\frac{1}{4}$ ins.
Weight	29 ozs.	33 ozs.	56 ozs.
Double R. R lens, focal length	$5\frac{1}{4}$ ins.	$6\frac{1}{4}$ ins.	$8\frac{1}{4}$ ins.

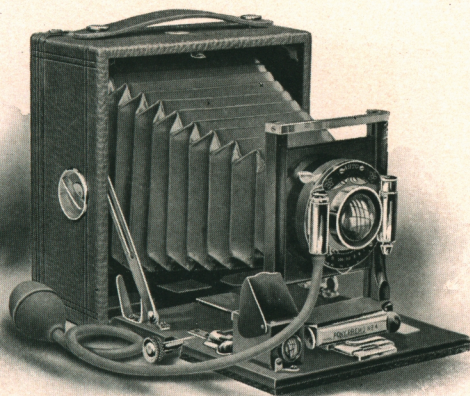
THIS Premo corresponds closely to the model No. 2 except that it is designed for a wider range of work with regular equipment. The shutter is the latest improved B. & L. Automatic, which has Iris diaphragm, and will expose from $1/100$ to 1 second with great accuracy. For accurate focusing a rack and pinion adjustment is supplied and a heavy sole leather carrying case is included. The smaller sizes are readily converted into a daylight loading camera, as a Film Pack Adapter is interchangeable with the plate holder.

The Victor Shutter, which has helped largely to make Premos famous in the past, also the B. & L. Unicum, will be furnished in place of the Automatic when desired at a reduction in cost of \$2.00 from prices as listed below.

PRICES

	$3\frac{1}{4} \times 4\frac{1}{4}$	4×5	5×7
Pony Premo No. 3	\$20.00	\$20.00	\$26.00
Double Plate Holder	1.00	1.00	1.25
Premo Film Pack Adapter	1.00	1.50	
Premo Film Pack, 12 exposures	.70	.90	

Pony Premo No. 4



For 4 x 5 and 5 x 7 Pictures

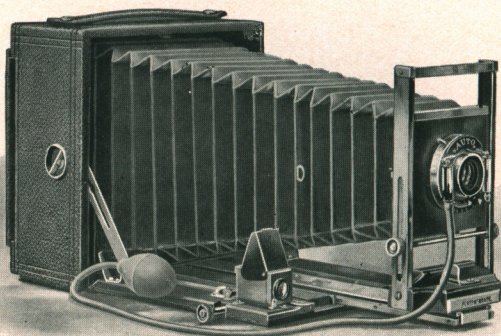
	4 x 5	5 x 7
Dimensions	$2\frac{3}{4} \times 6 \times 6$ ins.	$3\frac{1}{4} \times 8\frac{1}{4} \times 8\frac{1}{4}$ ins.
Weight	36 ozs.	60 ozs.
Planatograph Lens	$6\frac{5}{8}$ ins.	$8\frac{5}{8}$ ins.

BESIDES possessing all the points of advantage of the series Nos. 1, 2 and 3, already described, this Premo is equipped with Planatograph lens, swing back and automatic bed clamp. The lens is of long focus, very rapid, and works at $f: 8$. The feature of the swing back is very desirable as it allows the back to be easily adjusted at any angle and with both swing back and rising and falling front the most difficult objects can be photographed to the best advantage. The 4 x 5 size can be used as a film outfit. As listed a black sole leather carrying case with separate compartment for four holders, also one double plate holder, are included. A wide angle lens can be furnished, which is interchangeable with the regular lens.

PRICES

Pony Premo No. 4 with Planatograph Lens	4 x 5	5 x 7
and B. & L. Automatic Shutter	\$24.00	\$32.00
Wide Angle Lens, extra	7.00	8.00
Double Plate Holder	1.00	1.25
Premo Film Pack Adapter	1.50	
Premo Film Pack, 12 exposures	.90	

Pony Premo No. 6



For 4 x 5, 5 x 7 and 6½ x 8½ Pictures

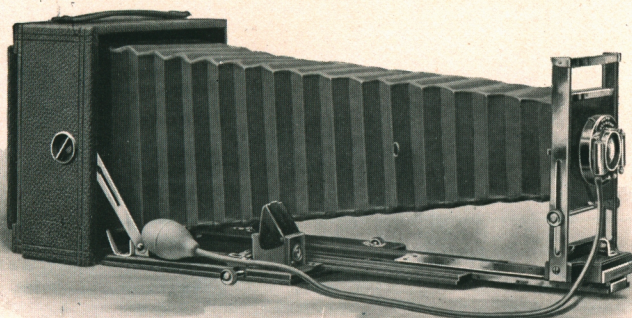
	4 x 5	5 x 7	6½ x 8½
Dimensions	3½ x 6 x 6 ins.	4 x 8¼ x 8¼ ins.	5 x 10 x 10 ins.
Weight	3¼ pounds	5¼ pounds	8½ pounds
Planatograph Lens, focal length	6⅝ ins.	8⅝ ins.	10 ins.

THE Pony Premo No. 6 is designed for a greater variety of work than the preceding members of the Premo series. In order to include this vast number of finer adjustments it, of course, becomes necessary to add a trifle in bulk and weight, although in no way is this Premo cumbersome. For copying or any special work, where great length of bellows is required, this camera is especially suited. The shutter furnished with the regular equipment is a Bausch & Lomb Automatic with a variation of speed from 1/100 to 1 second, also arranged for bulb or time exposure of any length desired. The lens being of exceptionally good quality, the back or front cell can be used separately and will be found perfectly satisfactory for telephoto work.

This camera is equipped with a number of our special patented adjustments, known only to Premos. The reversible back is attached by a special clamp that holds it rigid and can be released in an instant. The standard allows the lens board to be removed and replaced apparently without the use of any fastener, everything being automatic. The rack and pinion

for raising or lowering the lens also has a clever locking device which prevents any movement after adjustment has been made.

The bed clamp works automatically and clamps the standard firmly at any point desired. A universal bed stop attached to the bed is also a prominent feature. The bed itself is triple extension, one pinion being used to rack out both beds, the extension locking itself to the bottom bed automatically as the pinion is turned forward, and unlocking in the same manner when racked back to position. The swing back is adjusted at centers and operates from the outside. The finder is the most brilliant obtainable, and a double spirit level and two



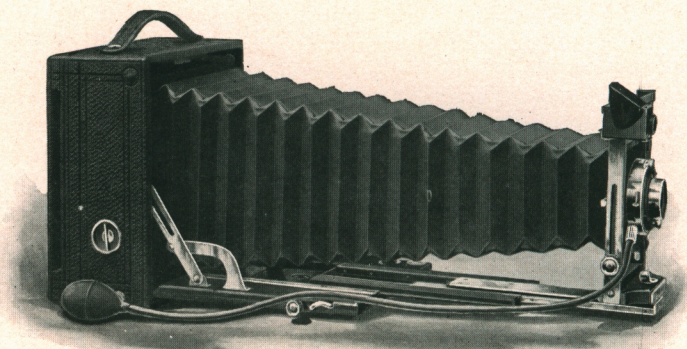
Showing full length of extension

sockets for tripod are provided. As furnished a black sole leather carrying case, plush lined, with two compartments, one for camera, the other for four holders, also one double holder, are included. The Premo Film Pack Adapter in the 4 x 5 size fits interchangeably with the plate holder, thus producing a daylight loading film Premo without sacrificing any of the advantages of the plate camera.

PRICES

Pony Premo No. 6 with Planatograph	4 x 5	5 x 7	6½ x 8½
Lens and B. & L. Auto Shutter	\$37.00	\$47.00	\$62.00
Wide Angle Lens, extra	7.00	8.00	12.00
Double Plate Holder	1.00	1.25	1.75
Premo Film Pack Adapter	1.50		
Premo Film Pack, 12 exposures	.90		

Pony Premo No. 7



For 4 x 5, 5 x 7 and 6 1/2 x 8 1/2 Pictures

	4 x 5	5 x 7	6 1/2 x 8 1/2
Dimensions	1/2 x 6 1/4 x 6 1/4 ins.	4 x 8 1/2 x 8 1/2 ins.	5 x 9 3/4 x 9 3/4 ins.
Weight	3 1/2 pounds	5 1/2 pounds	8 1/2 pounds
Planatograph Lens	6 5/8 ins.	8 5/8 ins.	10 ins.

THE special features embodied in this Premo command particular attention, as it is a camera of unequalled photographic possibilities. While fully equipped with the many improvements as shown on the No. 6, there are many additional advantages that will be found of great assistance in making exposures under the most trying circumstances.

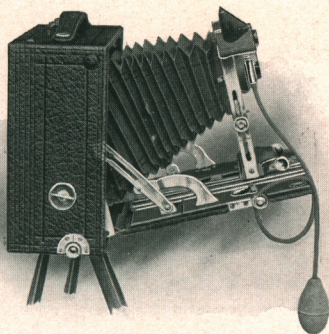
Attention is called to the triple extension bed, made entirely of metal, equipped with automatic locking device, also universal stop.

This bed is entirely independent of the wooden base beneath, being supported by angle pieces, and is not affected by atmospheric conditions.

The principle of dropping the bed permits the use of any extreme wide angle lens without difficulty. An automatic bridge connecting the bed to the camera proper, when the front is dropped in position, makes a perfect runway for the standard.

The swing back, which adjusts from the center, is optically perfect and works with rack and pinion which locks at any angle desired.

Not only in the general design but in the wonderful ingenuity with which all details of equipment are made to harmonize and in the accurate working of each and every movement, the Pony Premo No. 7 excels.



Showing center swing and rising
and falling front

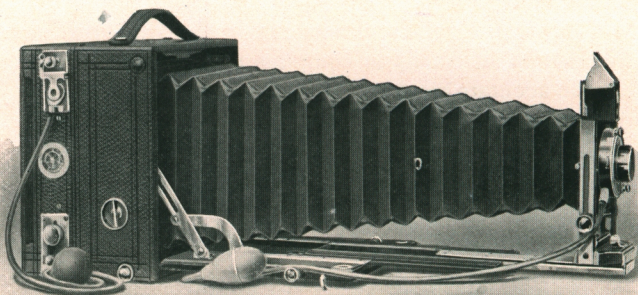
The carrying case, which is included, is of the best leather of the same grain and finish of the camera, is velvet lined and has compartment for four holders.

The advantage, which applies to all Premos, of using the Premo Film Pack adapter in the 4 x 5 size, in place of the plate holder, should not be overlooked.

PRICES

	4 x 5	5 x 7	6½ x 8½
Pony Premo No. 7 with Planatograph Lens and B. & L. Auto Shutter	\$50.00	\$60.00	\$75.00
Wide Angle Lens, extra	7.00	8.00	12.00
Double Plate Holder	1.00	1.25	1.75
Premo Film Pack Adapter	1.50		
Premo Film Pack, 12 exposures	.90		

Premo Supreme



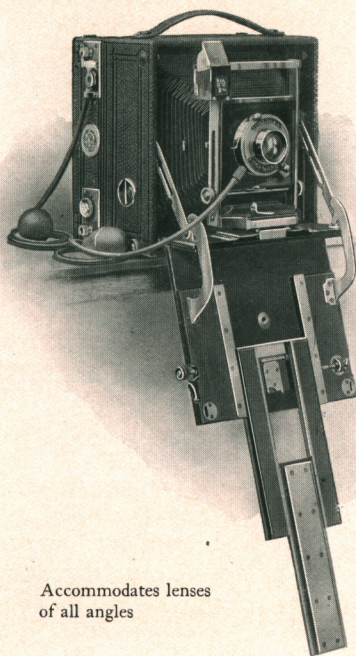
For 4 x 5, 5 x 7, and 6 1/2 x 8 1/2 Pictures

	4 x 5	5 x 7	6 1/2 x 8 1/2
Dimensions	3 1/2 x 6 1/4 x 6 1/4 ins.	4 x 8 1/2 x 8 1/2 ins.	5 x 9 3/4 x 9 3/4 ins.
Weight	3 1/2 lbs.	5 1/2 lbs.	8 1/2 lbs.
Planatograph Lens	6 5/8 ins.	8 5/8 ins.	10 ins.

*A*S the name implies, this Premo holds the highest place and is without question the most advanced type of camera ever offered to the public. It is designed for the most difficult branches of photography, and equipped with every movement and adjustment known to cameras. The material used in the process of manufacture is the best the world affords; seal leather bellows and covering, mahogany of the most beautiful grain that grows, metal of the highest grade and finish — all are combined in its make-up. In workmanship no camera equals, as the entire work is performed by men who have had years of experience in camera construction and are expert in this line. The features of the Premo Supreme are almost numberless. Among the most noticeable might be mentioned the superior construction of its bed, which accommodates lenses of all angles with equal facility; the automatic bridge which connects the bed to the camera proper, making a runway that permits the standard to slide smoothly the entire length of draw; the metal extension to bed, of perfect construction, with three sections which work with but one pinion and lock automatically by patented mechanism which insures rigidity; the standard, with rack and pinion rise and fall, self locking; the automatic bed clamp; the swing back, working from centers

adjusted with rack and pinion. In fact, everything that tends to increase the accuracy and add to the appearance and usefulness is incorporated as a part of this Premo.

The Premo Focal Plane Shutter is a part of this outfit, which for high speed advantages has no equal. The Planatograph Lens and B. & L. Iconoscope finder are a part of the regular equipment. The carrying case, of the best leather obtainable, has gun metal fittings, is supplied with lock, velvet lined, and has a separate compartment for four holders. Premo Supreme, 4 x 5 size, can be used as a film camera with the Premo Film Pack. To those who desire the best that can be produced this Premo will without question meet all requirements.

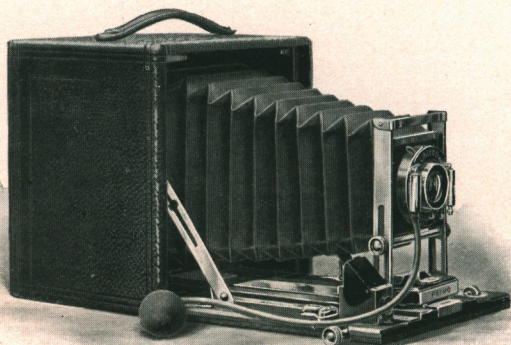


Accommodates lenses
of all angles

PRICES

Premo Supreme with Planatograph Lens,			
Focal Plane Shutter, B. & L. Automatic Shutter and three holders	4 x 5	5 x 7	6½ x 8½
	\$85.00	\$105.00	\$135.00
Premo Double Plate Holder, mahogany	1.50	2.00	2.50
Premo Film Pack Adapter	1.50		
Premo Film Pack, 12 exposures	.90		

Long Focus Premo



For 5 x 7 Pictures

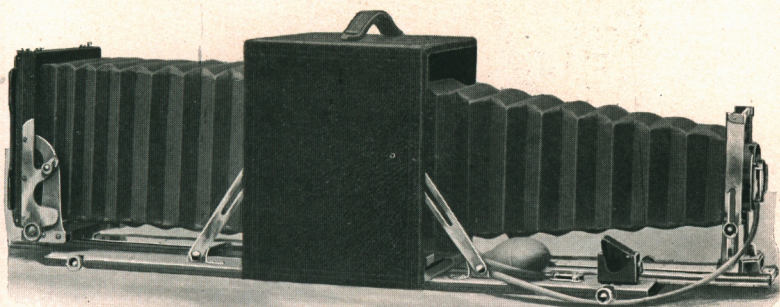
Dimensions	7 x 10½ x 10¾ ins.
Weight	10 lbs.
Lens, Telephoto, Three Focus	8 ⅝ ins.
Lens (back combination only)	14½ ins.
Lens (front combination only)	20 ins.

*T*HE Long Focus Premo is designed more especially for scientific photography and for copying. For special work where the ordinary camera is found lacking, it is invaluable. Although designed for special work this camera is available for ordinary purposes and for average amateur work can be used with pronounced success.

Owing to the extra length of bellows a great variety of work can be performed, such as enlargements from smaller pictures or copying of similar size. As a telephoto camera it will not be found lacking, as with the three focus lens there are three distinct lenses, one combination having a focal length of twenty inches, which produces a large object upon the plate of any distant view.

The bellows when fully extended measures thirty inches. This great length is obtained by means of a folding back. Thus the bellows may be drawn out in each direction.

The draw is operated at the rear as well as the front by rack and pinion focusing attachment. There is also a rack and pinion double swing back, so constructed that the horizontal and vertical swings both oscillate at the center of the plate.



Showing full extension of bellows

The standard is fitted with rack and pinion rise and fall which can be locked at any point desired. An ingenious clamping device for locking at any point is furnished for both back and front bed.

This camera can be equipped with a focal plane shutter if desired. With the regular equipment the Bausch & Lomb automatic shutter is supplied.

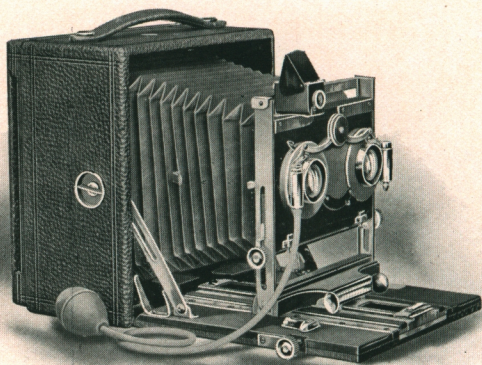
For the advanced amateur no outfit can give better satisfaction, as the advantage of the long bellows permits the use of any assortment of lenses, which can be readily attached, as the lens board is removable and clamps in position instantly with an automatic fastener.

As furnished one double dry plate holder is included.

PRICES

Long Focus Premo with Auto Shutter and Three Focus Lens	\$55.00
Premo Double Plate Holder	1.25
Sole Leather Carrying Case	6.00

Stereo Premo



For Stereo Pictures

STEREOGRAPHY is a branch of photography by which realistic observation is obtained by the use of a matched pair of lenses making two pictures of the same object and at the same time. Pictures made in this way, when transposed and viewed through a stereoscope, give the same visual effects as when looking at the original subject.

The construction of Premo cameras in the 5 x 7 size permits the fitting of matched lenses, and we offer various equipments as listed below.

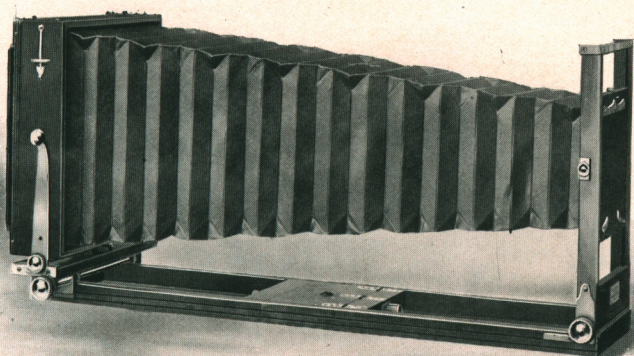
In making a selection of an outfit for this work we recommend good lenses, as this work is of a very artistic nature and wonderful results are obtained with the correct equipment.

The new automatic stereo shutter, which we furnish, is of construction which allows the fitting of all high grade lenses. The lens board and bellows partition are removable, which allows making 5 x 7 pictures with a lens attached to a duplicate lens board.

PRICES

No. 4 Pony Premo, Planatograph Lenses <i>f</i> : 8	\$50.00
No. 6 Pony Premo, Planatograph Lenses <i>f</i> : 8	65.00
No. 7 Pony Premo, Planatograph Lenses <i>f</i> : 8	78.00

Empire State

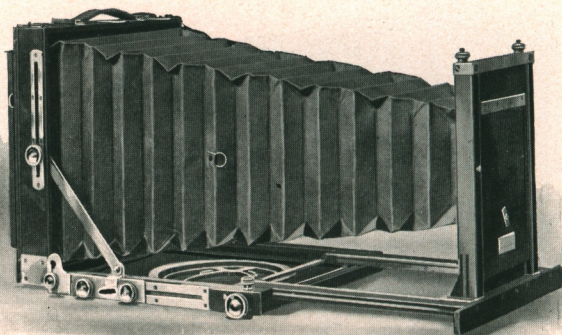


THIS camera is of the type known as a tripod outfit and is not designed for hand use, but is adapted for a wide range of scientific work. In construction it is of the very best, the wood parts of mahogany highly polished, the metal parts of brass lacquered. The bed hinges, folding completely under the camera, thus allowing lenses of extremely short focus to be used. The front is extended by a rack and pinion which locks firmly at any point desired. Up to the 14 x 17 size the focus is adjusted by moving the front or back as preferred, both operating by rack and pinion. The 14 x 17 size is made with back focus only, and has a convenient focusing handle. The Empire State is also equipped with rising and falling front which works with rack and pinion, a double swing which works from the center, also a reversible back. As furnished a substantial leather bound canvas carrying case and one perfection holder are included. The carrying case has capacity for camera and three holders. With sizes above 11 x 14 English book holders are supplied.

Size of View	Focal Capacity	Weight of Camera	Prices
5 x 7	22 in.	5 lbs.	\$21.00
6½ x 8½	27 in.	5¾ lbs.	22.00
8 x 10	30 in.	7¾ lbs.	25.00
11 x 14	37 in.	11½ lbs.	36.00
14 x 17	48 in.	23¾ lbs.	60.00

NOTE—Larger sizes than listed are furnished to order. Prices on application.

Carlton & Universal



*A*S high grade tripod cameras the Carlton and Universal have achieved lasting popularity on account of their many and exceptional characteristics. The finish throughout is superb and the design and construction accomplishes beauty, compactness and simplicity. The Carlton has a revolving tripod top incorporated as a part of the camera, adapted for use with the combination tripod. The Universal does not, and in this point their chief difference lies. The length of bellows draw, together with the various adjustments, permits the use of all lenses no matter what the angle may be. They have reversible backs, swing backs, rising and falling front, as well as all other desirable adjustments.

The Carlton outfit includes one mahogany perfection plate holder with rubber slides and a mahogany combination tripod, all enclosed in a canvas carrying case. The case has space for camera, tripod and six holders.

The Universal outfit includes the same as the Carlton with the exception that the plate holder is of maple and the combination tripod ash.

Size of View	Focal Capacity	Prices	
		Carlton	Universal
5 x 7	17 in.	\$40.00	\$34.00
6½ x 8½	20¼ in.	46.00	38.00
8 x 10	24 in.	52.00	43.00
11 x 14	30¾ in.	62.00	52.00

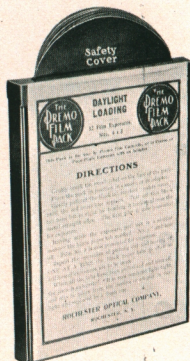
PREMO cameras are furnished with any high grade lens desired, and we offer equipment complete, including lens and shutter, at the lowest rate obtainable, making no extra charge for fitting. This will save time and expense to the purchaser, and we can guarantee all fitting and adjusting absolutely correct. The prices as given below are figured with Bausch & Lomb Automatic Shutter. When Volute Shutter is fitted instead of Auto, the extra charge is as follows: 4x5 and 5x7, \$14.30; 6½x8½, \$16.30.

Style of Camera	Full Description Page	Size of Picture	Ross HOMO-centric Series B f: 5.6	Ross HOMO-centric Series C f: 6.3	Ross HOMO-centric Series D f: 8	B. & L. Plastigmat f: 6.8	B. & L.-Zeiss Conv. Series VIIa	Goerz Series IIII f: 6.8
Premo Folding Film No. 2	11	3¼ x 4¼	No. 1 \$49.50	No. 1 \$42.00	No. 1 \$38.50	No. 1 \$47.00	No. 2 \$67.50	No. 0 \$47.00
Pocket Premo	16	3¼ x 4¼	No. 1 54.50	No. 1 47.00	No. 1 43.50	No. 1 52.00	No. 2 72.50	No. 0 52.00
Star Premo	18	3¼ x 4¼	No. 1 59.50	No. 1 52.00	No. 1 48.50	No. 1 57.00	No. 2 77.50	No. 0 57.00
Star Premo	18	4 x 5	No. 3 67.00	No. 3 55.00	No. 3 52.00	No. 2 63.00	No. 3 82.50	No. 1 63.50
Pony Premo No. 4	23	4 x 5	No. 3 66.00	No. 3 54.00	No. 3 51.00	No. 2 62.00	No. 3 81.50	No. 1 62.50
Pony Premo No. 4	23	5 x 7	No. 5 91.00	No. 5 80.00	No. 5 73.00	No. 3 77.00	No. 8 104.00	No. 2 76.00
Pony Premo No. 6	24	4 x 5	No. 3 79.00	No. 3 67.00	No. 3 64.00	No. 2 75.00	No. 3 94.50	No. 1 75.50
Pony Premo No. 6	24	5 x 7	No. 5 106.00	No. 5 95.00	No. 5 88.00	No. 3 92.00	No. 8 119.00	No. 2 91.00
Pony Premo No. 6	24	6½ x 8½	No. 6 141.00	No. 6 123.00	No. 6 112.00	No. 5 129.00	No. 12 169.50	No. 4 122.50
Pony Premo No. 7	26	4 x 5	No. 3 92.00	No. 3 80.00	No. 3 77.00	No. 2 88.00	No. 3 107.50	No. 1 88.50
Pony Premo No. 7	26	5 x 7	No. 5 119.00	No. 5 108.00	No. 5 101.00	No. 3 105.00	No. 8 132.00	No. 2 104.00
Pony Premo No. 7	26	6½ x 8½	No. 6 154.00	No. 6 136.00	No. 6 125.00	No. 5 142.00	No. 12 182.50	No. 4 135.50
Premo Supreme	28	4 x 5	No. 3 127.00	No. 3 115.00	No. 3 112.00	No. 2 123.00	No. 3 142.50	No. 1 117.00
Premo Supreme	28	5 x 7	No. 5 164.00	No. 5 153.00	No. 5 146.00	No. 3 150.00	No. 8 177.00	No. 2 149.00
Premo Supreme	28	6½ x 8½	No. 6 214.00	No. 6 196.00	No. 6 185.00	No. 5 202.00	No. 12 242.50	No. 4 195.00
Long Focus Premo	30	5 x 7	No. 5 114.00	No. 5 103.00	No. 5 96.00	No. 3 100.00	No. 8 127.00	No. 2 99.00
Pony Premo No. 4 Stereo	32	5 x 7	No. 1 119.00	No. 1 104.00	No. 1 97.00	No. 1 114.00	No. 2 155.00	No. 0 114.00
Pony Premo No. 6 Stereo	32	5 x 7	No. 1 134.00	No. 1 119.00	No. 1 112.00	No. 1 129.00	No. 2 170.00	No. 0 129.00
Pony Premo No. 7 Stereo	32	5 x 7	No. 1 147.00	No. 1 132.00	No. 1 125.00	No. 1 142.00	No. 2 183.00	No. 0 142.00

Accessories

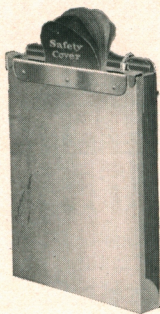
PREMO FILM PACK

The Premo Film Pack offers photographers a means of using film in the most convenient way and makes the ordinary plate camera a daylight loading film camera with the advantage of focusing on the ground glass the same as when using plates. This pack consists of twelve flat cut films packed together in a light proof paper case. Attached to each film is a paper tab, the end of which is numbered, thus showing the operator just which film is in position for exposure. The method of using this pack is extremely simple, as the only movement necessary in placing the film in position for the next exposure is to simply pull out a tab. The emulsion is extremely rapid; they will not curl in development, they are non-halation and orthochromatic to a marked degree. Full description and further information will be found on pages 2, 3 and 4.

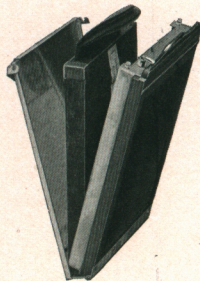


Prices :	$3\frac{1}{4} \times 4\frac{1}{4}$	Premo Film Pack, 12 exposures	\$.70
	$3\frac{1}{4} \times 5\frac{1}{2}$	Premo Film Pack, 12 exposures	.80
	4 x 5	Premo Film Pack, 12 exposures	.90

PREMO FILM PACK ADAPTER



This adapter is similar in form to an ordinary plate holder. It is constructed for use with plate cameras, thereby converting them into daylight loading film cameras. This adapter can be removed and replaced the same as a plate holder, thus giving the advantage of focusing on the ground glass when using film. The back is of aluminum and the slide of hard rubber.



Prices :	$3\frac{1}{4} \times 4\frac{1}{4}$	\$1.00	4 x 5	\$1.50
----------	------------------------------------	--------	-------	--------

CARTRIDGE ROLL HOLDER

For use of cartridge rollable film and are furnished for 4 x 5 and 5 x 7 Premos. They load in daylight, are covered with seal grain leather, and have nickel fittings.

Prices :	4 x 5	\$5.00	5 x 7	\$6.50
----------	-------	--------	-------	--------

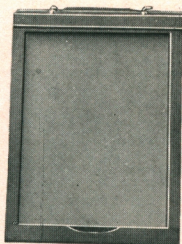
PREMO PLATE HOLDER

These holders are made for Premo Cameras only and have become the most popular of any in the world.

This is due to their simplicity in design and their excellence in manufacture.

Our patented spring bar device allows loading or unloading readily without danger of the plate breaking, or moving after once placed in position.

Premo holders are fitted with rubber slides and guaranteed absolutely light tight. The word "Premo" is embossed on the septum, and no holder is a Premo holder unless so marked.



Prices :	$3\frac{1}{4} \times 4\frac{1}{4}$	\$1.00	$6\frac{1}{2} \times 8\frac{1}{2}$	\$1.75
	4×5	1.00	8×10	2.00
	5×7	1.25		

UNIVERSAL PLATE HOLDER

This holder is for View cameras, and in construction resembles closely the Premo.

The slides are rubber.

Prices :	5×7	\$1.25	8×10	\$2.00
	$6\frac{1}{2} \times 8\frac{1}{2}$	1.75	11×14	4.00

ROCHESTER PLATE HOLDER

This holder is of good construction and adapted for use with Premo cameras.

They are made of cherry and have press-board slides.

Prices :	5×7	\$1.00	$6\frac{1}{2} \times 8\frac{1}{2}$	\$1.50	8×10	\$1.75
----------	--------------	--------	------------------------------------	--------	---------------	--------

WARNICA SELF-ADJUSTABLE PLATE HOLDER

For all Premo cameras. This holder automatically centers all sizes of plates smaller than the holder without the use of a kit.

As furnished, rubber slides are included.

Prices :	4×5	\$1.25	$6\frac{1}{2} \times 8\frac{1}{2}$	\$1.85
	5×7	1.50	8×10	2.25

ENGLISH BOOK HOLDER

The sides of this holder are hinged and allow opening like a book. This form of holder is very desirable for large plates.

Size	Prices	
	Press board Slides	Rubber Slides
11 x 14	\$5.00	\$6.00
14 x 17	6.50	7.50

HOLDER SLIDES

Size	Prices	
	Press-board	Hard Rubber
3 1/4 x 4 1/4	\$.10	\$.20
4 x 5	.15	.25
5 x 7	.20	.35
6 1/2 x 8 1/2	.25	.50
8 x 10	.35	.65
11 x 14	.50	1.00

HOLDER KITS

(WOOD)

For holding small plates in large plate holders, made of well seasoned material that will not warp. They are invaluable in many instances.

Size Outside	Size of Opening for Plate			Prices
4 x 5	3 1/4 x 4 1/4			\$.20
5 x 7	3 1/4 x 4 1/4	4 x 5		.25
5 x 8	3 1/4 x 4 1/4	4 x 5	4 1/4 x 6 1/2	.25
6 1/2 x 8 1/2	3 1/4 x 4 1/4	4 x 5	5 x 7	.30
8 x 10	4 x 5	5 x 7	6 1/2 x 8 1/2	.40
11 x 14	8 x 10	10 x 12		.50
14 x 17	10 x 12	11 x 14		.80

HOLDER KITS

(METAL)

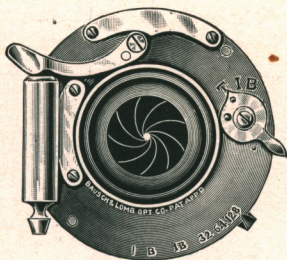
These kits are made entirely of metal and automatically center the plate and securely hold it in position. They are furnished in four sizes only.

Size Outside	Size of Opening for Plate			Prices
4 x 5	3 1/4 x 4 1/4			\$.20
5 x 7	3 1/4 x 4 1/4	4 x 5		.25
6 1/2 x 8 1/2	3 1/4 x 4 1/4	4 x 5	5 x 7	.30
8 x 10	4 x 5	5 x 7	6 1/2 x 8 1/2	.40

GEM AUTOMATIC SHUTTER

This is a simple and convenient little shutter and well adapted for hand camera work ; fitted for time, bulb, or snap shots, and has an Iris diaphragm. It is always set and works automatically by bulb or finger release.

Price : \$4.00



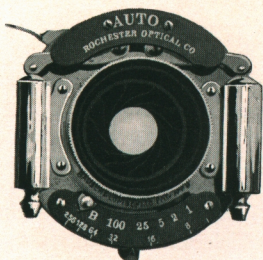
B. & L. AUTOMATIC SHUTTER

This shutter is strictly automatic and especially constructed to secure compactness, convenience in operation and the greatest range of speeds and apertures, together with accuracy of timing. For all except extremely rapid exposures it is all that is required, giving speeds of 1, 1/2, 1/5, 1/25 and 1/100 seconds. For time exposures, one pressure of the bulb the shutter remains open, closing when the second pressure is applied. For bulb exposure, the shutter remains open as long as pressure is applied

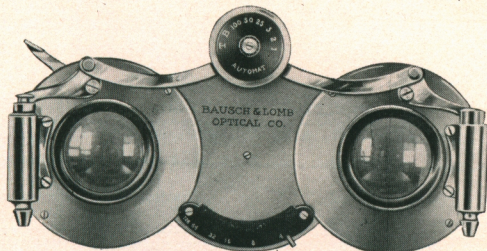
to the bulb, closing when bulb is released. An Iris diaphragm regulates the size of the stop to be used.

Prices : No. 1 for $3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 and 5×7
No. 2 for $6\frac{1}{2} \times 8\frac{1}{2}$ and 8×10

\$10.00
12.00



B. & L. STEREO AUTOMATIC SHUTTER

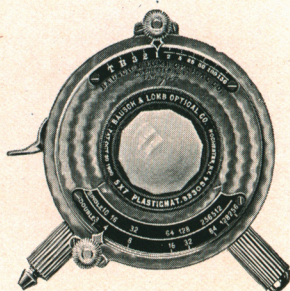


This shutter is in reality a double automatic, made up by a combination of two automatic shutters, both working in unison. It is adapted for fitting all desirable lenses for stereo photography.

Price : \$20.00

B. & L. VOLUTE SHUTTER

The Volute represents the highest type of diaphragm shutter. The diaphragm can be varied from pin hole to any size desired. When the exposure is made the shutter opens instantly and remains open to the fullest extent until the exposure is completed, when it closes instantly, thus giving a correct exposure for all speeds. Exposure can be made by bulb or finger release. Speed limit, 1/150 second.



Prices: No. 1 for $3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 and 5×7
No. 2 for $6\frac{1}{2} \times 8\frac{1}{2}$ and 8×10

\$18.00
20.00

FOCAL-PLANE SHUTTER

For high speed the superior advantages of the new Focal-Plane Shutter have come to be thoroughly appreciated. It is capable of giving results that cannot be obtained by any other form of shutter.

The short exposures obtainable with the Focal-Plane Shutter are due to the fact that only a part of the plate is exposed at once. The shutter consists of a roller blind working in front of and close to the plate. The blind has a narrow slit in it, which travels rapidly across the plate. The speed is regulated by means of a small knob that winds up the driving spring, and also by altering the width of the adjustable slit. The speed indicator is always fitted to this shutter unless otherwise ordered.

Prices: 4×5 , \$22.00 5×7 , \$27.00 $6\frac{1}{2} \times 8\frac{1}{2}$, \$32.00 8×10 , \$37.50

PACKARD SHUTTER

This shutter has four wings, with the special advantage of a very large opening in a very small shutter. The No. 5 is adapted for time work only. The No. 6 is the same as the No. 5 with the exception that an instantaneous arrangement is included for making snap shots. There is no jar or vibration, and, as listed, bulb and tube are included.

Camera	Dimensions	Prices	
		No. 5	No. 6
For 5×7 Empire State	$3\frac{1}{4}$ inches square	\$4.00	\$5.50
For $6\frac{1}{2} \times 8\frac{1}{2}$ Carlton or Universal	$3\frac{1}{2}$ inches square	4.00	5.50
For 8×10 Carlton or Universal	4 inches square	4.00	6.00
For 8×10 Empire State	$4\frac{1}{2}$ inches square	4.50	6.00
For 11×14 Carlton or Universal	$4\frac{1}{2}$ inches square	4.50	6.00
For 11×14 Empire State	5 inches square	5.00	6.50

B. & L. PLASTIGMAT LENS f : 6-8

The Plastigmat excels in speed. It has excellent covering power and good anastigmatic correction, besides being a lens of great brilliancy. The two combinations of this lens are similar, being composed of four single lenses each. The foci chosen for the various sizes of the series are longer than has been customary heretofore, and as a result in every case the plate is perfectly covered with the full opening of the lens, working at f : 6-8.



No.	Size of Plate	Equivalent Focus	Diameter	Prices
1	3 1/4 x 4 1/4	5 1/4 in.	1 1/8 in.	\$34.00
2	4 x 5	6 1/4 in.	7/8 in.	40.00
3	5 x 7	7 1/2 in.	1 in.	48.00
4	5 x 8	9 1/4 in.	1 3/8 in.	55.00
5	6 1/2 x 8 1/2	11 in.	1 5/8 in.	75.00
6	8 x 10	13 in.	1 7/8 in.	90.00

B. & L.-ZEISS CONVERTIBLE ANASTIGMAT LENS—Series VIIa

For use in hand cameras this lens is especially recommended, excelling not only in optical qualities but in its adaptability with the limited space allowed in these instruments for a lens.



Convertible Anastigmats are doublet lenses. They are made up of eight elementary lenses arranged in pairs, two pairs in each system. The covering and defining power of this lens is faultless. This lens is convertible into three lenses of different foci and angle where the two single anastigmats are of different foci, or into two lenses of different foci and angle where the two single anastigmats are of the same foci.

No.	Size of Plate Covered with Full Aperture	Focus of Front Lens	Focus of Back Lens	Combined Focus	Speed	Prices
2	3 1/4 x 4 1/4 in.	9 in.	7 1/4 in.	4 1/2 in.	f : 7	\$ 54.50
3	4 x 5 in.	11 1/2 in.	7 1/4 in.	5 in.	f : 7-7	59.50
5	4 1/4 x 6 1/2 in.	11 1/2 in.	9 in.	5 3/4 in.	f : 7	63.00
8	5 x 7 in.	14 in.	11 1/2 in.	7 in.	f : 7	75.00
9	5 x 8 in.	16 1/2 in.	11 1/2 in.	7 1/2 in.	f : 7-7	87.50
11	6 1/2 x 8 1/2 in.	16 1/2 in.	14 in.	8 1/2 in.	f : 7	94.50
12	6 1/2 x 8 1/2 in.	19 1/4 in.	14 in.	9 1/4 in.	f : 7-7	115.50
17	8 x 10 in.	23 1/2 in.	19 1/4 in.	12 in.	f : 7	167.50

B. & L.—ZEISS ANASTIGMAT LENS—

Series V, 1 : 18

The lenses of this series are designed for extreme wide angle work. They have a very great speed and covering power and an effective angle which equals or exceeds any other wide angle lens. The field of this lens embraces 110 degrees.

No.	Size	Equivalent Focus	Prices
1	4 $\frac{1}{4}$ x 6 $\frac{1}{2}$ in.	3 $\frac{3}{8}$ in.	\$22.50
2	5 x 7 in.	4 $\frac{3}{8}$ in.	22.50
3	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in.	5 $\frac{9}{16}$ in.	28.00
4	8 x 10 in.	7 $\frac{3}{16}$ in.	35.00

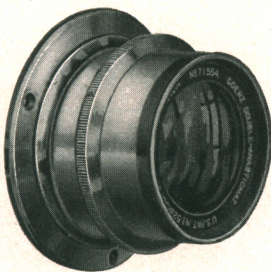
We also list the Rochester Symmetrical Wide Angle Lens, which has an angle of from 80 to 90 degrees.

No.	Size	Equivalent Focus	Prices
1	4 x 5 in.	3 $\frac{1}{2}$ in.	\$10.00
2	5 x 7 in.	5 in.	12.00
3	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in.	6 $\frac{1}{2}$ in.	15.00
4	8 x 10 in.	8 in.	18.00

GOERZ DOUBLE ANASTIGMAT LENS

f: 6-8—Series III

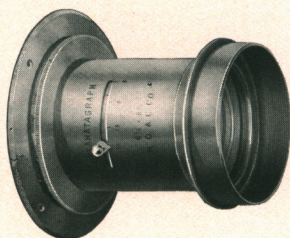
Goerz lenses are universal in character. At full aperture they admit of instantaneous photographs embracing an angle of seventy degrees, even on dull days. As the image is perfectly sharp, even with small apertures, the definition, brilliancy, and depth of every point of the field are absolutely uniform, hence perfectly sharp wide-angle, instantaneous photographs may be taken. The back lens, the focus of which is about double that of the entire objective, may, by itself, be used as a landscape lens.



No.	Size of Plate Sharply Covered at <i>f</i> : 6-8	Equivalent Focus	Prices
0	3 $\frac{1}{4}$ x 4 $\frac{1}{4}$ in.	4 $\frac{3}{4}$ in.	\$ 37.50
1	4 x 5 in.	6 in.	45.00
2	4 $\frac{3}{4}$ x 6 $\frac{1}{2}$ in.	7 in.	51.50
3	5 x 8 in.	8 $\frac{1}{4}$ in.	62.50
4	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in.	9 $\frac{1}{2}$ in.	75.50
6	8 x 10 in.	12 in.	107.00

PLANATOGRAPH LENS— $f: 8$

This lens was designed and perfected by us and forms a part of the regular equipment for many of our cameras. It is especially suitable for portraits, groups, architecture, landscapes and instantaneous work.



The Planatograph is a lens of the double symmetrical type. The back combination used alone increases the image on the ground glass to twice the size obtained when the combinations are used together. The Planatograph is fully corrected, gives equal illumination of the field and covers the plate

admirably. We also make the Rochester Symmetrical Lens, resembling generally the Planatograph, but listed \$2.00 lower in each size.

Size	Diameter of Lens	Equivalent Focus	Prices
$3\frac{1}{4} \times 4\frac{1}{4}$	1 in.	6 in.	\$12.00
4 x 5	1 in.	$6\frac{1}{4}$ in.	12.00
5 x 7	$1\frac{1}{8}$ in.	8 in.	14.00
$6\frac{1}{2} \times 8\frac{1}{2}$	$1\frac{1}{2}$ in.	11 in.	17.00
8 x 10	$1\frac{3}{4}$ in.	13 in.	20.00

RAPID RECTILINEAR LENS

As its name implies this lens is designed for fast work, in the field and in-doors as well. The Rapid Rectilinear lens is constructed of carefully selected glass and made from a formula under our own special direction. It is of double combination, accurately corrected, and yields the most satisfactory results.

Size	Equivalent Focus	Prices in Cells
$3\frac{1}{4} \times 4\frac{1}{4}$	$5\frac{1}{4}$ in.	\$5.00
4 x 5	$6\frac{1}{2}$ in.	6.00
5 x 7	$8\frac{1}{2}$ in.	8.00

LENS FLANGES

For attaching the lens to the front board.

Number	1	2	3	4	5	6	7	8	9	10	11
Diameter, ins.	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	5	$5\frac{1}{2}$	6
Price, each	\$.50	.50	.75	1.00	1.00	1.25	1.50	1.75	2.00	2.50	3.00

LENS CAPS

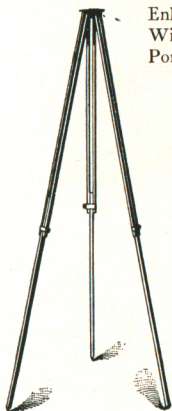
Number	1	2	3	4	5	6	7	8	9	10	11	12
Diameter, ins.	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{3}{4}$	$2\frac{1}{2}$	$3\frac{1}{8}$	$3\frac{9}{16}$	$4\frac{1}{8}$	$4\frac{9}{16}$	$5\frac{9}{16}$
Price, each	\$.60	.60	.65	.70	.70	.75	.80	.90	1.00	1.10	1.20	1.25

PREMO OPTICAL OUTFIT

This outfit consists of a set of supplementary lenses, a Ray Filter and Duplicator, and is for use with any camera with lens barrel that corresponds in size. These lenses slip over the regular lens of the camera like a cap. They give the owner of one good objective lens the advantage of five different focal lengths. These combinations will be supplied separately when desired. The six combinations are neatly enclosed in a plush lined case leather covered.



Prices :	Outfit complete for 4 x 5, diameter of lens $1\frac{5}{16}$ ins.	\$6.00
	Outfit complete for 5 x 7, diameter of lens $1\frac{5}{16}$ ins.	6.00
	Enlarging and Copying Lens \$1.25	Tele Photo Lens 1.25
	Wide Angle Lens 1.25	Ray Filter 1.00
	Portrait Lens 1.25	Duplicator .40



RAY SLIDING TRIPOD

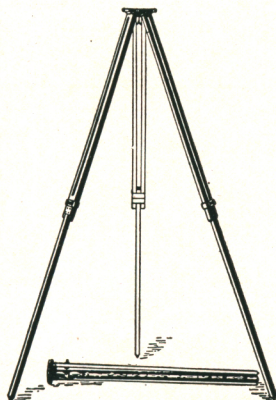
Although very light this is an extremely rigid tripod and is designed for cameras up to and including 4 x 5 size. The wood is straight grain spruce with shellac finish, the metal trimmings and head lacquered brass. The weight complete, including head and screw, is but 15 ounces. When extended for use the length can be made to vary from 30 to 54 inches.

Price : \$.80

CARLTON SLIDING TRIPOD

As a rigid tripod none will be found more satisfactory than the Carlton. The legs are made in three sections, rendering very firm support. The top is wood covered with cloth. The two smaller sizes are made of spruce, the larger of ash. They are of good finish and the metal parts are lacquered brass.

Style	Size of Camera	Weight	Prices
No. 1	5 x 7 and smaller	1 lb. 15 ozs.	\$2.00
No. 2	5 x 8 and $6\frac{1}{2}$ x $8\frac{1}{2}$	2 lbs. 12 ozs.	2.50
No. 3	8 x 10 and 10 x 12	4 lbs. 15 ozs.	3.00

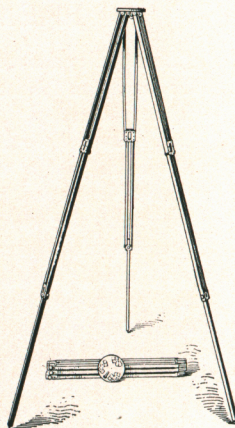


COMBINATION TRIPOD

This tripod is made on the sliding and folding principle, which produces a very compact as well as a rigid support. The smaller size is furnished in spruce or ash, the larger sizes of ash only. The finish is of the very best. The trimmings are of brass. The length when fully extended is fifty-six inches, when folded twenty-two inches.

Style	Size of Camera	Weight	Price
No. 2 1/2	6 1/2 x 8 1/2 and smaller*	1 lb. 9 ozs.	\$3.00
No. 2 1/2	6 1/2 x 8 1/2 and smaller	2 lbs. 3 ozs.	3.00
No. 3	8 x 10 and 10 x 12	4 lbs. 6 ozs.	3.50
No. 4	11 x 14 and 14 x 17	7 lbs. 1 oz.	4.50
No. 5	17 x 20 and 20 x 24	8 lbs. 8 ozs.	6.00

*Spruce



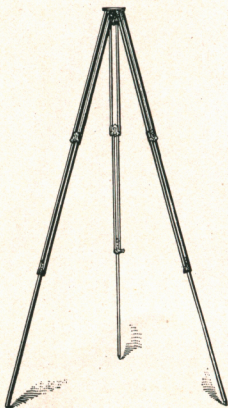
SPECIAL COMBINATION TRIPOD

This three-fold tripod is very rigid, and owing to its compactness will be found very popular for use with cameras not larger than 5 x 7. They are furnished in spruce mahogany finish, or ash natural finish. The spruce has metal head and the ash metal and wood combined, the top being covered with leather. The length when extended is fifty-six inches, when folded twenty-two inches.

Style	Weight	Prices
Spruce	23 ounces	\$1.60
Ash	27 ounces	1.65

R. O. C. TRIPOD

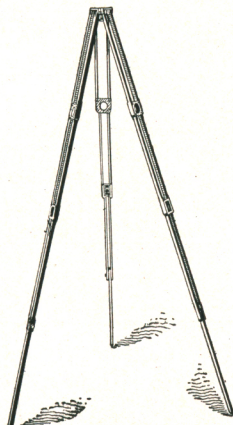
The R. O. C. tripod is of the combination type, but a trifle larger and more rigid than the special combination. The wood parts are maple, beautifully finished in natural color. The head is metal with wooden top, leather covered. The clamp bands are of new design, which permits clamping more readily than with milled head nuts as usually supplied. The metal parts are of brass well finished and lacquered. A very desirable tripod for use with any camera up to and including 5 x 7 size. Length extended fifty-six inches, when folded twenty-two inches.



Style	Weight	Price
R. O. C. Tripod	34 ounces	\$1.70

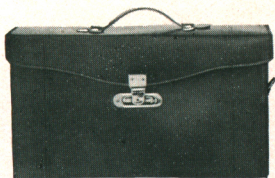
PREMO TRIPOD

Very light and compact, as well as rigid, makes this a very popular tripod. The construction consists of four sections, the first sliding into the second, these two into the third, while the upper section folds back upon the third. A patent locking device, found only on Premo tripods, produces extreme rigidity. The length when extended is 55 inches, when folded 16 inches only. The Nos. 1 and 2 are constructed of spruce, natural finish, with buffed brass trimmings, lacquer finish and aluminum head. The Nos. 3 and 4 are ash with Flemish oak finish, with metal parts nicked and wooden head.



Style	Size of Camera	Weight	Prices
No. 1	3¼ x 4¼ and 4 x 5	15 ozs.	\$4.00
No. 2	4 x 5 and 5 x 7	1 lb. 7 ozs.	5.00
No. 3	5 x 7 and 6½ x 8½	2 lbs. 12 ozs.	6.00
No. 4	6½ x 8½ and 8 x 10	4 lbs. 2 ozs.	7.00

CARRYING CASES



Premo cases are made of the best sole leather, with the exception of those for cameras of box form, also Nos. 1 and 2 Pony, which are of board covered with leather. Cases for the Star Premo, Pony Premo 6 and 7 and Premo Supreme are lined with velvet and highly ornamented.

Camera	3¼ x 4¼	4 x 5	5 x 7	6½ x 8½
Premo Box Film Camera	\$ 1.50	\$ 1.75	\$	\$
Premo Folding Film Camera No. 1	1.50	1.75		
Premo Folding Film Camera No. 2	1.50			
Magazine Cyclone	2.25	2.50		
Pocket Premo	2.50			
Pocket Premo C	1.50			
Star Premo	4.00	5.00		
Pony Premo Nos. 1 and 2	1.50	1.50		
Pony Premo Nos. 3 and 4		4.00	5.00	6.00
Pony Premo No. 6		5.00	6.00	8.00
Pony Premo No. 7		6.00	8.00	12.00
Premo Supreme		15.00	20.00	25.00
Long Focus Premo			8.00	

Camera	5 x 7	6½ x 8½	8 x 10	11 x 14	14 x 17
Carlton and Universal	\$ 3.00	\$ 3.50	\$ 4.00	\$ 5.00	\$ 6.50
Empire State	2.00	2.25	2.50	3.25	5.00

PREMO RAY SCREEN

This screen is of great assistance in producing cloud effects in outdoor photography. By the use of this screen a more equal exposure can be obtained of sky, clouds and landscape, thus bringing out the detail of subject without losing cloud effect.

Size	Outside Diameter	Diameter of Lens	Prices
No. 1	1 1/2 in.	1 1/4 in.	\$.40
No. 2	2 in.	1 3/4 in.	.50
No. 3	3 1/4 in.	2 7/8 in.	.75



ROCHESTER R. O. C. DRY PLATE

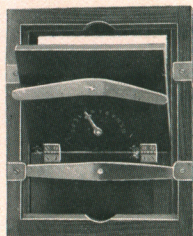


Since the introduction of the R. O. C. dry plate the demand has steadily increased and at the present time a large number of leading photographers throughout the country, as well as many advanced amateurs, have selected this brand for their entire work. The R. O. C. is a plate of general utility, one that may be used successfully under all conditions. They are extremely rapid.

Size	Dozen in Case	Price per Dozen	Size	Dozen in Case	Price per Dozen
2 1/2 x 2 1/2	30	\$.25	5 x 8	20	\$1.25
3 1/2 x 3 1/2	30	.40	6 1/2 x 8 1/2	12	1.65
3 1/4 x 4 1/4	30	.45	8 x 10	10	2.40
4 x 5	30	.65	10 x 12	4	4.20
4 1/4 x 6 1/2	30	.90	11 x 14	4	6.00
5 x 7	20	1.10			

ROCHESTER PRINTING FRAME

The Rochester Printing Frame is very substantial, made of the best seasoned cherry. The springs are of the finest brass, riveted to the back. A tongue and groove in the back where the two parts hinge prevent the possibility of light reaching the print from the rear. At the back is a tally for recording the number of prints made. This frame is recommended for professional use as it will not wear out and can be used indefinitely.



Size	Price	Size	Prices
4 1/4 x 6 1/2	\$.42	11 x 14	\$1.80
5 x 7	.50	14 x 17	2.40
6 1/2 x 8 1/2	.60	16 x 20	3.00
8 x 10	.75	20 x 24	5.00

CYCLONE PRINTING FRAME

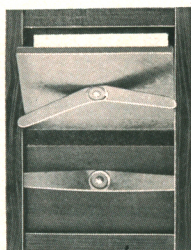


This frame is made of japanned iron and will not warp or twist. It is non-breakable, light and convenient. An easel attachment gives the advantage of placing the frame at any angle required. It casts no shadow and prints to the size of the plate and offers many advantages of importance. This frame is made in three sizes only: $3\frac{1}{2} \times 3\frac{1}{2}$, $3\frac{1}{4} \times 4\frac{1}{4}$ and 4×5 .

Price: \$.25

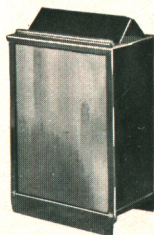
AMATEUR PRINTING FRAME

This frame is light and strong; made of the best seasoned cherry and with reliable spring brass mountings. It is of good finish, durable and thoroughly reliable in every way.



Size	Price	Size	Prices
$3\frac{1}{2} \times 3\frac{1}{2}$	\$.25	$4\frac{1}{4} \times 6\frac{1}{2}$	\$.35
$3\frac{1}{4} \times 4\frac{1}{4}$	.25	5×7	.35
4×5	.25		

RUBY CANDLE LAMP



This little candle lamp is very compact and made of heavy tin. The opening for the ruby glass is protected by a safety shield which prevents light escaping other than through the ruby glass. This lamp uses a large candle and produces good light.

Prices: Ruby Candle Lamp
Candles, per dozen

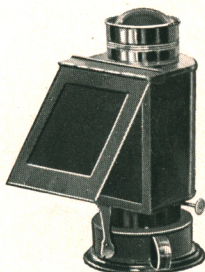
\$.30
.40

UNIVERSAL DARK ROOM LAMP

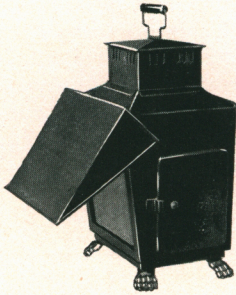
This is a very popular lamp and produces a clear, steady light, perfectly safe and efficient for the dark room. It has a combination orange and ruby glass for use, singly or together. The broad wick which is furnished regulates from the outside and an adjustable shield prevents white light escaping.

Prices: No. 1 \$.80

No. 2 \$1.00



PREMIER LAMP

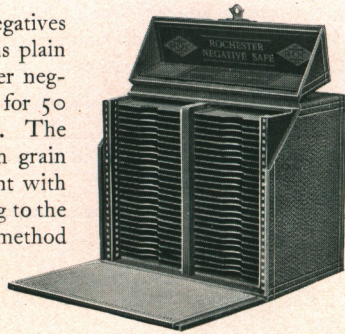


This lamp has distinct features which make it popular with advanced amateurs who develop and print their own negatives. It affords three different forms of light. The front light is a soft 7 x 8 ruby light for developing. The door on the left side when opened will give a clear white light for use in printing developing papers, bromide papers or transparencies. The door on the right side when opened gives a soft white, opal light for examining negatives or transparencies.

Price: \$3.75

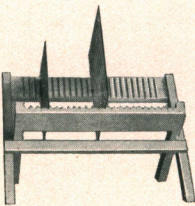
ROCHESTER NEGATIVE SAFE

The advantage of keeping negatives where they may be located readily is plain to all camera users. The Rochester negative safe provides a safe receptacle for 50 $3\frac{1}{4} \times 4\frac{1}{4}$, 4 x 5 or 5 x 7 negatives. The safe is well made and covered with grain leather. It has a drop door in front with a memorandum tablet corresponding to the number of shelves within. This method easily locates the desired negative, which will always be found clean and free from dust.



Prices: $3\frac{1}{4} \times 4\frac{1}{4}$ \$3.00 4 x 5 \$3.50 5 x 7 \$4.00

ROCHESTER NEGATIVE RACK



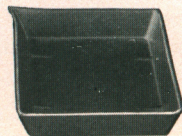
This is a very substantial article made of the best seasoned cherry, accommodating negatives of any size. It folds flat when not in use and prevents the possibility of scratching negatives while drying.

Prices: No. 1, for 12 Negatives \$.20
No. 2, for 24 Negatives .25

DEVELOPING TRAYS

Electrose Trays are light in weight, not easily broken, and are not affected by the action of chemicals; have ridges on the bottom and are a superior article.

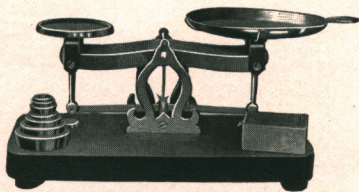
Prices: $3\frac{1}{4} \times 4\frac{1}{4}$ \$.12 5 x 8 \$.25
4 x 5 .12 $6\frac{1}{2} \times 8\frac{1}{2}$.35
5 x 7 .20 8 x 10 .50



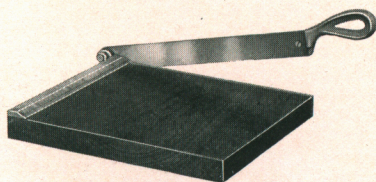
R. O. C. SCALE

The R. O. C. scale is accurate and is supplied with a set of drachm, scruple and grain weights, also a complete set of avoirdupois weights from one-sixteenth up to two ounces. The base is polished wood and the finish throughout is of the best.

Price: \$3.00



PREMO TRIMMING BOARDS



This is a reliable trimming board at a moderate price, constructed of hard wood with natural finish. The blades are of the best steel, and a rule is fitted to the board for measuring prints.

Style	Capacity	Prices
No. 1	5 x 5 in.	\$.40
No. 2	7 x 7 in.	.60
No. 3	10 x 10 in.	1.25

CARD MOUNTS

We do not list a great assortment of card mounts, selecting only what we consider the most desirable. They have beveled edges.

Carbon Black or Scotch Gray, Plain				Carbon Black or Scotch Gray, Embossed and Printed Border			
No.	For Pictures	Per 100	Per 1000	No.	For Pictures	Per 100	Per 1000
601	3 1/4 x 4 1/4	\$1.25	\$ 9.50	701	3 1/4 x 4 1/4	\$1.60	\$12.00
602	4 x 5	1.75	11.00	702	4 x 5	2.00	15.00
603	5 x 7	2.15	14.00	703	5 x 7	3.00	22.00

DEVELOPING AND PRINTING

Our facilities for developing and finishing plates and films all complete are the best. Our customers can feel assured of the best results.

Size	Developing only	Printing and Mounting only	Developing, Printing and Mounting
3 1/4 x 4 1/4	\$.04	\$.06	\$.10
4 x 5	.05	.07	.13
5 x 7	.06	.10	.20
6 1/2 x 8 1/2	.10	.20	.30
8 x 10	.12	.24	.35

R. O. C. DEVELOPING POWDERS

These powders are prepared for the development of the Premo Film Pack. They are also very desirable for the development of roll film or glass plates. They are put up in powders sufficient for four ounces developer and a package contains twelve powders.

Price per package : \$.50

BELLOWS

Extra bellows will be supplied for cameras when desired, as follows:

Size	Camera	Prices
For 4 x 5	Folding or Pony Premos Nos. 1, 2, 3 and 4	\$ 2.00
For 4 x 5	Pony Premos Nos. 6, 7 and Premo Supreme	3.00
For 5 x 7	Pony Premos Nos. 2, 3 and 4	2.50
For 5 x 7	Pony Premos Nos. 6, 7 and Premo Supreme	4.00
For 5 x 7	Long Focus Premo	8.00
For 5 x 7	Empire State, Carlton and Universal	4.00
For 6 1/2 x 8 1/2	Pony Premos Nos. 6, 7, Premo Supreme, Empire State, Carlton and Universal	5.00
For 8 x 10	Empire State, Carlton and Universal	6.00
For 11 x 14	Empire State, Carlton and Universal	8.00
For 14 x 17	Empire State	10.00

MISCELLANEOUS

Blotting Paper, 19 x 24, per doz. \$1.00

Brushes:

Camel's Hair, 3 inch	.80
Bristle, 1 inch	.15
Bristle, 2 inch	.25
Bristle, 3 inch	.40

Bulbs and Tubes

Electrose Fixing Bath, 4 x 5 2.00

Electrose Fixing Bath, 5 x 8 3.00

Focusing Cloth, Velvet, 1.00

Focusing Cloth, Gossamer .50

Glass Funnels, Plain, 1/2 Pint .15

Glass Funnels, Fluted, 1 Pint .25

Glass for Univer. Ruby Lamp, each .10

Glass Graduates, 4 ounce .30

Glass Graduates, 8 ounce .40

Glass, Measuring, 4 ounce .15

Ground Glass Frames:

4 x 5 .50

5 x 7 .60

6 1/2 x 8 1/2 1.00

8 x 10 1.25

Ground Glass:

4 x 5 .15

5 x 7 .20

6 1/2 x 8 1/2 .25

8 x 10 .30

Hydrometers .40

Lens Boards:

for Premos, up to 5 x 7 .25

Lens Boards:

for Premos, larger \$.40

for Stereo Cameras .40

For View Cameras, up to 8 x 10 .40

for View Cameras, larger .70

Orange or Ruby Fabric, per sq. yd. .60

Orange Paper, per dozen, .25

Premo View Finder 1.50

Premo Spirit Level .40

Paste for mounting prints:

4 oz. jar .20

8 oz. jar .35

1 oz. tube .10

2 oz. tube .15

4 oz. tube .20

Print Rollers, 4 inch .20

Print Rollers, 6 inch .30

Reversible Backs:

for View Cameras, 5 x 7 7.50

for View Cameras, 6 1/2 x 8 1/2 9.00

for View Cameras, 8 x 10 11.00

for View Cameras, 11 x 14 14.00

Screws for Tripods, 1, 2 and 3 .25

Screws for Tripods, 4 and 5 .40

Shoulder Straps:

36, 42 and 48 inches .25

54, 56 and 60 inches .30

66 inches .40

Tops for Tripod .75

Tubing per foot .10

