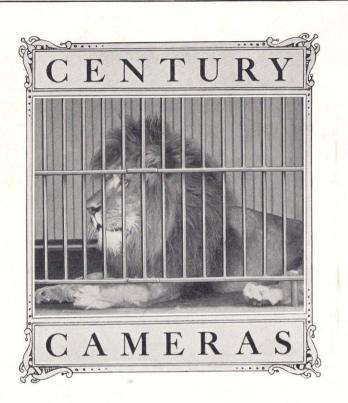
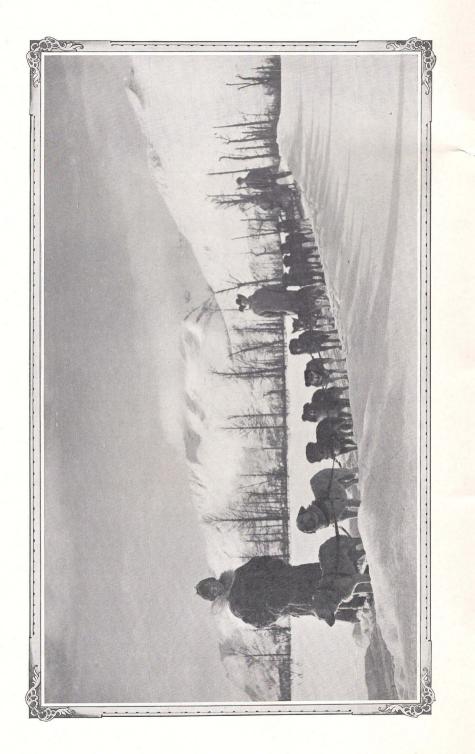


Walter Johnson



1908

CENTURY CAMERA DIVISION EASTMAN KODAK COMPANY ROCHESTER, NEW YORK





THE STORY OF THE CENTURY The recognized standing of the Century Camera as an instrument possessing greater merit than any other camera on the market is due to two things, first, an ideal—that ideal, the perfect camera; second, an unremitting effort to make the Century Cameras as closely approach the ideal as highly specialized artisans and modern mechanical appliances will permit.

Century quality is more than a meaningless phrase; it is something tangible,—something always apparent to the careful observer. Century Cameras possess exclusiveness and individuality They embody more improvements and meritorious features than any other plate camera of either domestic or foreign manufacture. The name Century means much to purchaser and manufacturer alike, and before the name plate is attached, rigid inspection must prove every Century worthy of the name.

CENTURY CONSTRUCTION Centurys are constructed of the best kiln-dried mahogany, which has been prepared long before it is actually required for use, to guard

against any possibility of warping. In selecting the stock, that which has the richest grain effect is secured, and it is finished so as to preserve both the beautiful grain and also the natural color of the wood. All corners are gracefully rounded and every Century Camera, from the lowest priced to the most expensive, is not merely nailed together and then covered with leather—it is dovetailed. To dovetail is a more expensive way to manufacture—but to maintain Century Quality nothing is unimportant.

BUILDING A CENTURY CAMERA The employment of skilled mechanics in every department—men trained by years of experience in camera making—the use

of only such raw materials as are first-class in every respect-

Century

with facilities so superior, and the system of manufacture so thorough, we are enabled to attain in our finished product the nearest possible approach to absolute perfection.

Century Cameras embody the good points which over a decade of camera building have developed and suggested. There are also new features and exclusive ideas covered by letters of patent, all of which make the entire Century line thoroughly distinctive.

CENTURY REVOLVING BACK The Revolving Back enables the photographer to decide instantly, just how he wishes to make the picture, as the reflected image can be viewed with the ground glass focusing screen in either

a vertical or horizontal position, without detaching the back.



Showing Revolving Back turned half-way to Vertical Position

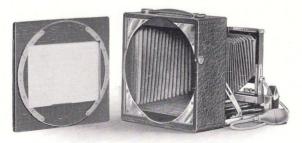
The plate is changed from a horizontal to a vertical position by simply pressing a spring catch at the side and revolving the back; the posi-

tion of the camera, or any part of it, is not disturbed.

Photographic plates are usually longer one way than the other, and it has been the general custom to build cameras so that the long dimension of the plate is horizontal. When

photographing high buildings, or when making portraits, or in fact any perpendicular subject, the length of the picture should be up and down, the short side acting as a base.

To make an upright picture with an ordinary camera, by



Revolving Back detached from Camera, showing Construction

Century

which we mean one without reversible back, the entire instrument must be turned over on its side, and in this position the various adjustments are not as accessible nor as readily manipulated. Even with the improved form of hand camera, made with a reversible back, it is necessary, when changing the plate from a horizontal to a vertical position, to *detach the entire back*, either by releasing springs or pressing buttons, then turn the back over and again adjust it to camera in the reverse position. The purpose of a Swing Back or Swing THE SWING BACK-THE CENTURY METHOD AND Bed is to keep the plate perpendicular, **ITS ADVANTAGES** or parallel with the object photographed. To include the top of a tall building or church spire, or to secure more of a subject than can be obtained with the camera when level, it is often necessary to tilt it. Under such conditions, with a camera not having a Swing Back or Swing

Bed, the lines in the photograph will converge at the top, because the plate is at an angle with the subject instead of parallel to it. If the back of the camera is made to "swing" independently, then, even though the camera is not level, the plate can be placed parallel with the subject, and straight lines secured.

In photographing groups the Swing Back may be employed to good advantage.



Century Grand, showing Swing Bed

A group is usually so arranged that the front row is quite close to the lens, while the back row may be a considerable distance away; by slightly tilting the swing back all of the subjects may be brought into the focal plane, giving a sharp image without using a small diaphragm or stop.

To manipulate an ordinary Swing Back, it is necessary to adjust the tripod legs, in order to keep the plate perpendicular. But this is not always convenient—in fact, impossible under certain conditions. We have perfected an adjustment which avoids the necessity of any change in the position of the tripod, and this feature is the Century Swing Bed. It is easier to manipulate than the old style Swing Back, and when the tripod top has been leveled and the camera attached, the plate always remains perpendicular, whether the Swing Bed is used or not. All Century swings having rack and pinion movement are fitted with our patent Swing Back Lock, which holds the back absolutely rigid in any desired position by simply pushing the milled head in flush with bed—another exclusive Century idea.

As a rule, landscape pictures are made with a small diaphragm in the lens for the purpose of bringing into sharp focus both objects in the foreground as well as distant points. Under certain conditions the use of a small diaphragm would require an exposure too long to prevent movement of the objects —swaying trees, etc. As there are usually no straight lines in a landscape, by tilting the Swing Back, both near and distant objects can be brought into focus while using a large stop.

A Swing Bed is not necessary for hand work pure and simple, but this feature as applied to Century Cameras does not increase either the weight or bulk. It is an adjustment that will be found very convenient when making tripod exposures, and under certain conditions it is practically indispensable.

THE RISING AND FALLING FRONT AND THE CENTURY IDEA OF IT a Rising and Falling Front is to shift the lens above or below the center, and thus vary the relative amount of sky and foreground, on which depends very largely the artistic effect of the picture. Moving the lens upward will give more sky, and when dropped below the center the amount of foreground is increased.

All Century Cameras have Rising and Falling Front, and the maximum amount of movement is given. In Models 40 to 43, the adjustment is controlled by a milled head. The Century Models 46, 47, Grand and Grand Senior Cameras have, however, a new Century feature—whereby the front is raised and lowered by a small knob on the top of the left standard. Only one movement is necessary to raise or lower and secure the lens in any desired position without the usual binding screw

All Century Grand and Grand Senior Cameras, also Models 46 and 47 and Petite No. 3, have the front arranged to move horizontally as well as vertically This is called a Double Sliding Front. The horizontal movement permits adjusting the



Double Sliding Front with Adjustment for Raising and Lowering

Century

lens from side to side, thus changing the angle of view, or, if the camera is not made with a reversing back, this movement takes the place of regular Rising and Falling Front when the instrument is reversed for vertical pictures.

THE FRONT AUTOMATIC CLAMP

In place of the old style clamp hook for holding the front in position, after focusing, all Century Cameras are fitted with

our patent Automatic Clamp—a novel device that automatically clamps and securely holds at any point on the bed the front

with lens and shutter. There is absolutely no chance of the front slipping after once adjusting the focus, as the "shoe" grips the brass bed plate its entire length.

When the T-shaped bar at the base of front is straight across the bed, or parallel with the name plate, the



Front cannot slip with a Century Automatic Clamp

Clamp is set, and the front cannot move. To release the Clamp it is only necessary to turn the bar a trifle either to right or left, when the front with lens can readily be moved forward or back. The instant the bar is released it clamps the front automatically, and clamps it securely—no slipping or sliding to throw the picture out of focus. This Clamp is the most effective device ever invented for the purpose. It is another of our exclusive and very practical features—another evidence of Century Quality

THE CENTURY FOCUSING SCREEN The method of fitting the ground glass Focusing Screen in Century Cameras is entirely different as it provides for a variation

in the thickness of the ground glass. If the original screen is ever broken, it can be replaced without a single tool in ten seconds, actual time, and no matter how thin or thick the glass, it will automatically register and occupy the same plane as the sensitive plate. No other plate or film camera has this feature. It is exclusively Century and merely another evidence of Century Quality

THE TRIPLE SECTION BED— Rigidity!—that's one of the many OPERATED BY A SINGLE PIN- important points we have accom-ION—THE CENTURY WAY plished in the construction of our extension beds. The increased use of anastigmat lenses working at large apertures, and, therefore, necessarily heavy, has made rigidity a most important feature in camera construction. The Century Triple Extension Beds are marvels of mechanical

Century

ingenuity A single pinion at the side moves each section of the bed forward or back and when pushed in, acts as a lock, holding the bed absolutely firm and rigid whether it is fully or only partly racked out. By turning the milled head the section carrying lens and shutter moves first, and when this section is fully extended it locks automatically into the second section, and at the same time begins to carry it forward by means of a continuous rack. Our method of fitting the front section of the bed is entirely new and an original Century idea. It gives an exceptionally easy and smooth movement, as the same amount of friction exists whether the front section is fully or only partly extended. Special construction of the wood and metal parts, makes the bed capable of resisting atmospheric changes to a



Century Triple Extension Bed

remarkable degree. Each section is bound with metal to prevent any possibility of lost motion, and brass guides on the top of the bed insure strength and perfect rigidity

CENTURY PLATE HOLDERS One of the most important parts of a photographic outfit is the

plate holder, as an imperfectly constructed plate holder will frustrate the plans of the most careful photographer Century Holders are constructed with a specially designed flexible light-valve, which will allow



the slide to be inserted at any angle without fogging the plate. Century Finders are of a special design, far superior

CENTURY FINDERS to the ordinary type, as three lenses are employed.

In place of simply one lens at the top we use two, and by this combination secure an image which is most brilliant and perfect. For the purpose of cleaning the lenses and mirror, the Century Finder can readily be removed from the brass binding and as easily put back into place—a feature not possible with any other Finder on the market. Century Quality again.

Century

PETITE CENTURY NO. 1

The problem of supplying a camera that will combine extreme compactness and lightness without sacrificing efficiency, has been successfully solved in the Petite Series of Century Cameras.



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Those who prefer the non-reversible back type of camera will find the Petite Centurys wonderful little instruments in every respect—perfect in all adjust-

> ments and so easy to operate that even a novice can readily make good pictures.

> The No. 1 Petite is an exceedingly compact Camera. The red bellows, black leather covering, dark shutter and nickel trimmings, give the camera a most

attractive appearance, to say nothing of its value as a picture taker.

The front may be raised or lowered for regulating sky and foreground and a brilliant finder is attached to the bed. An automatic clamp holds the front in any position—no set screws necessary

The Lens is a Century Rapid Rectilinear, of just the right focus to give the most pleasing perspective. It has a flat field, fine depth of focus and good covering power, and is fitted with the No. 3 Automatic Shutter. A valuable feature of this shutter is a separate lever for throwing back the shutter leaves when focusing. The shutter is described on page 45. A ground glass screen at the back allows the full-size image to be seen for focusing when desired.

All Petite Century Cameras are fitted with Double Plate Holders, which are a decided advantage over the single holder usually supplied with cameras of this type of construction.

SPECIFICATIONS

 $\begin{array}{cccc} \text{Dimensions} & 5\frac{14}{4} \ge 4\frac{4}{3} \\ \text{Length of Bellows} & 5\frac{1}{2} \le 1\frac{3}{4} \\ \text{Weight} & 18 \text{ oz.} \\ \end{array} \begin{array}{c} 4 \ge 5 \\ 6 \ge 2\frac{1}{8} \ge 5\frac{1}{8} \\ 6\frac{1}{2}\frac{2}{3} \\ 6\frac{1}{2}\frac{2}{3} \\ \text{oz.} \end{array}$

PRICE Including one Double Plate Holder.

Petite Century No. 1 $$14 \times 444 \times 5$ Extra Double Plate Holders, each 1.00 1.00

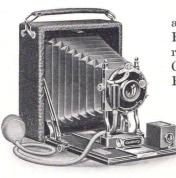


9

Century

PETITE CENTURY NO. 2

The popularity of the Petite Century No. 2 attests its merits. It is a compact camera of standard quality—so dainty in design and so perfect in construction that it may readily be carried in



the pocket.

The Petite Century No. 2 has all the good points found in Petite No. 1, and in addition a rack and pinion for focusing. Cartridge-roll film as well as the Film Pack and glass plates may

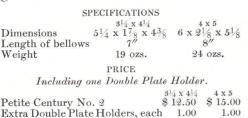
be used with Petite No. 2 a feature not possessed by any other camera of a similar type on the market, excepting our No. 3 Petite. The film holder fits so neatly that it is practically a part of

the camera and perfectly interchangeable with the plate holder

The front with automatic clamp is adjustable for sky and foreground. A brilliant finder for locating the image is attached to the bed. The Lens is a Century Rapid Rectilinear, having fine depth of focus, good definition, a flat field and possesses ample speed for instantaneous exposures. The No. 3 Automatic Shutter operates for time, instantaneous and bulb exposures. The shutter also has a lever for throwing back the shutter leaves when focusing. It is described in detail on page

45. A ground glass screen at the back permits the full-size image to be seen when focusing.

The Petite Century No. 2 is made throughout of fine mahogany, handsomely polished, the body being covered with genuine cowhide leather

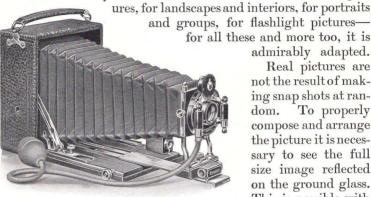




Centur

PETITE CENTURY NO. 3

The demand for a camera, compact in form and possessing all the adjustments of more elaborate instruments, is met with the Petite Century No. 3. For instantaneous and time expos-



Real pictures are not the result of making snap shots at ran-To properly dom. compose and arrange the picture it is necessary to see the full size image reflected on the ground glass. This is possible with

the Petite Century No. 3, whether using plates or film, and it The No. 3 Petite has the automatic is a great advantage. front clamp, rack and pinion for delicate focusing, brilliant finder-in fact every adjustment and advantage possessed by the preceding models, and in addition

- A Rapid Symmetrical Lens.
- A No. 1 Automatic Shutter (for description see page 45).
- A Double Sliding Front.
- A Swing Bed and Swing Back.
- A Bellows of sufficient length to use the back combination of Symmetrical Lens alone.

Never before has so compact a camera been made, embodying the features enumerated above, and at the same time perfectly adapted for glass plates, the Film Pack and *Cartridge Roll The Petite No. 3 will at once appeal to all who desire Holder for general work a camera in the most compact form possible.

Dimensions	$5\frac{1}{4} \stackrel{3\frac{1}{4} \ge 4\frac{1}{4}}{\ge 2\frac{7}{16} \ge 4\frac{3}{8}} \\ 9''$	$6\frac{3\frac{1}{4} \times 5\frac{1}{2}}{6\frac{1}{2} \times 4\frac{3}{8} \times 2\frac{1}{2}}$	6 x 23	x 5 % x 5 ¹ /8
Length of Bellows				
Weight	$22\frac{1}{2}$ oz.	$1\frac{3}{4}$ lbs.	29	oz.
	PRICE			
Inclue	ling one Double Pl	ate Holder.		
Petite Century No. 3		$^{31}_{4} \ge 4^{1}_{4}$ \$20.00	$^{31_4} \times ^{51_2} $ \$25.00	4 x 5 \$25.00
Extra Double Plate Hold	ers, each	1.00	1.00	1.00
Petite Century No. 3 Extra Double Plate Hold *3¼ x 5½ Cartridge Roll H		1		n

Century

WITH REVOLVING BACK

For those who choose to invest but a moderate amount in a camera, but still desire an instrument that is attractive in appearance and can be depended upon for the production of good



pictures, the Century Camera, Model 40 offers many advantages.

Like the more expensive models, it is made throughout of mahogany, with every corner dovetailed, and possesses adjustments which render it available for both hand and tripod work.

The lens is the Century Rapid

Rectilinear, a most excellent type, possessing plenty of speed, good covering power, and well adapted for general amateur work. It

is fitted with No. 3 Automatic Shutter, operating for instantaneous, time and bulb exposures. A lever at the side, when adjusted, throws back the leaves for focusing — a new and exclusive Century feature.

The lens and shutter are fully described on pages 41 and 45.

For the amateur who is just starting his photographic career, we can heartily recommend Model 40 as a camera that will fulfill every requirement. Glass plates,

Film Pack and Cartridge Roll Holder may all be used.

SPECIFICATIONS

Dimensions Length of Bello	$3\frac{1}{4} \times 4\frac{1}{4}$ $5\frac{5}{8} \times 2\frac{3}{4} \times 5\frac{1}{2}$ ws $7^{\prime\prime\prime}$	$ \begin{array}{r} 4 \text{ x 5} \\ 6 \frac{3}{8} \text{ x 3 x 6} \frac{1}{4} \\ 8^{\prime\prime} \end{array} $
Weight	26 oz.	33 oz.
	PRICE	
Including of	ne Double Plate H Carrying Case.	older and

3¹⁄₄ x 4¹⁄₄ 4 x 5 \$13.00* \$15.00

Extra Double Plate Holders, each 1.00 1.00 *Not furnished with Revolving Back, but has Reversible Back.

Century Camera, Model 40



Century

WITH REVOLVING BACK

One of the most popular of moderate-priced cameras, and deservedly so, is the Century Model 41 It is a style that strongly appeals to a large number of amateur photographers—



those who do not care for the more elaborate cameras, yet desire an outfit possessing such adjustments as will permit the varied field of work usually attempted by ambitious amateurs. The general design of Century

Model 41 is similar to Model 40, but it has in addition a fine rack and pinion for accurate focusing, and a somewhat better type of

shutter—the No. 4 Double Valve being substituted for the No. 3. The shutter has triplicate movement, and is also fitted with a lever for throwing back the leaves when focusing—a new and exclusive Century feature. The Lens is the Century Rapid Rectilinear. Both lens and shutter are described on pages 41 and 45.

The back revolves for upright pictures (see page 4), the front adjusts for regulating sky and foreground and an excellent finder with hood is attached to the bed. An automatic clamp holds the front with lens at any desired point on the bed, an easier and more satisfactory method of adjustment than the old style clamp hook. The 5×7 size is furnished with mahogany front in place of brass.

SPECIFICATIONS

Dimensions .	$5^{5}_{8} \ge 2^{3}_{4} \ge 5^{1}_{2}$	4×5 $6\frac{3}{8} \times 3 \times 6\frac{1}{4}$	5 x 7 85/8 x 33/4 x 81/2
Length of Bellows	8//	91/2"	13″ -
Weight	30 ozs.	38 ozs.	$41/_{4}$ lbs.

PRICE

Including one Double Plate Holder and Sole Leather Carrying Case.

Century Camera, Model 41	$3\frac{1}{4} \ge 4\frac{1}{4} $ \$17.00*	4 x 5 \$19.00	$\overset{5\times7}{\$25.00}$
Extra Double Plate Holders, each	1.00	1.00	1.25

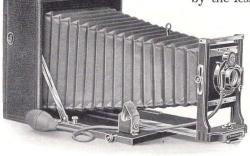
*Not furnished with Revolving Back, but has Reversible Back.

Century

WITH REVOLVING BACK

The great variety of photographic work that can be accomplished with the Century Model 43 commends this instrument to advanced amateur and professional photographers.

> Model 43 contains every adjustment and all the meritorious features possessed by the less expensive types, in-



cluding revolving back (see page 4), rising and falling front, automatic bed clamp, rack and pinion, etc. In addition, the camera is fitted with a swing back and swing bed,

and a Century Rapid Symmetrical Lens. The extra long bellows supplied with the Model 43 has sufficient length to permit the use of the rear combination of the lens when it is desirable to secure a large image of a distant object—a feature every experienced photographer will appreciate. The swing back is a useful adjustment and a decided advantage when photographing buildings, church spires and similar subjects.

The Shutter is our highest type—the No. 1 Century Automatic, operating for instantaneous, time and bulb exposures, with either finger or pneumatic release. Both lens and shutter are fully described on pages 41 and 45.

We recommend Model 43 as a particularly desirable Camera at moderate cost, and an instrument capable of producing most excellent results.

SPECIFICATIONS

Dimensions Length of Bellows Weight

SPECIFICAT	IONS	
3 ¹ / ₄ x 4 ¹ / ₄	4 x 5	5 x 7
55/8 x 23/4 x 51/2	$6\frac{4 \times 5}{8 \times 3\frac{1}{4} \times 6\frac{1}{4}}$	85% x 33/4 x 81/2
10"	12"	161/2"
31 oz.	40 oz.	47_{8} lbs.
PRICE		

Including one Double Plate Holder and Sole Leather Carrying Case.

Century Camera, Model 43	$3\frac{1}{4} \times \frac{1}{4}4$ \$22.00*		5 x 7 \$33.00
Extra Double Plate Holders, each	1.00	1.00	1.25
*Not furnished with Revolving Back but has Re	versible Back		

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Century

WITH REVOLVING BACK

In originality of design, perfection of detail, mechanical construction, complete adjustments and ease of manipulation, Model 46 stands pre-eminent. In this camera we introduce

the following features

Double section, brass bound Telescopic

Bed, Patent Pinion Lock, Swing Back and Bed, operated with Rack and Pinion.

The construction of the bed insures a smooth movement for focusing and provides an absolutely rigid

support for the lens, even when the bellows is extended to its full capacity The focusing pinion, when pushed in flush with the bed, securely locks the second section in any desired position. The extra length of bellows admits of copying and similar work.

Model 46 is fitted with the Centar Lens, Series II, and No. 1 Automatic Shutter, with triplicate movement and separate lever for focusing. The back combination of the Centar Lens, when used alone, forms a most excellent type of long focus single achromatic lens—of great value for photographing distant objects. Lens and shutter are described on pages 41 and 45.

SPECIFICATIONS

DI LICITICI	I I I U I I U				
4 x 5 5 x 7	01/ 105	6 ¹ / ₂ x 8 ¹ / ₂	8	x 10	
Dimensions $6\frac{1}{2} \times 3\frac{3}{4} \times 6\frac{1}{4} \times 8\frac{7}{8} \times 4 \times 1$	81/2 109	8 X 4 4 X 1	$0\frac{12}{2}$ 12 x 4	1 x 11% 21/2"	
Long th Of Dellows 11/2		21			
Weight 3 lbs. 5 lbs. 4	oz.	$8\frac{1}{2}$ lbs.	9 ID:	s. 4 oz.	
PRIC					
Including one Double Plate Holder	and Sole	e Leather	Carrying	Case	
Century Camera, Model 46, with	4 x 5	5 x 7	6 ¹ /2 x 8 ¹ /2	8 x 10*	
Centar Lens, Series II	\$ 32.00	\$ 40.00	\$ 57.00	\$ 70.00	
With B. & L. Plastigmat Lens	69.95	85.30	124.90	146.90	
With Zeiss-Tessar IIb Lens	69.95	96.80	168.40	210.90	
With Zeiss-Protar VIIa Lens	89.45	112.30	144.40	224.40	
With Isostigmar Lens and Volute					
Shutter	72.75	93.60			
Extra for Graflex Focal Plane Shutter	22.00	24.00	27.00	31.00	
Extra Double Plate Holders, each	1.00	1.25	1.75	2.00	

*Has Reversible Back instead of Revolving Back.

For complete particulars regarding Special Equipments with Anastigmat Lenses, see page 28.

Century

THE CENTURY GRAND

WITH REVOLVING BACK

Among photo pictorialists there is a camera that is accepted as a standard of excellence by which other cameras are measured; this instrument is the Century Grand. It contains more actual improvements and real merit than any other plate camera on the market with the one exception of the Century Grand Senior. The general design, solid construction, rigidity of every part, portability, easy means of manipulating all adjustments, and fine finish of both wood and brass work are noticeable features.

The Century Grand is built throughout of mahogany selected and kiln-dried, with all joints dovetailed. The camera is handsomely covered with fine black special grain cowhide, and has a padded handle for carrying. The metal work is polished and lacquered in a rich gold color. The bellows is made of red leather, lined with rubber cloth, insuring elasticity and rendering it absolutely light-proof.

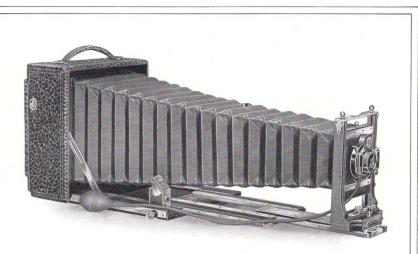
The Triple-section Telescopic Bed is made on an entirely new principle, and so arranged that the different sections operate by a single pinion at the side. When pushed in this pinion acts as a lock, holding the different sections of the bed absolutely firm and rigid at any desired point. The section carrying lens and shutter moves first by turning the milled head, and when fully extended locks automatically into, and at the same time carries forward, the second section by means of a continuous rack. A new method is employed in fitting the first section of the bed, giving an exceptionally easy and smooth



movement when focusing, as the same amount of friction exists whether the first section of the bed is entirely, or only partly, extended.

Each of the three sections is bound with metal to prevent any possibility of lost motion, and brass guides on top of the bed serve to insure strength and perfect rigidity—a feature which will appeal very strongly to all photographers. The bed is attached to the camera by a brass piano hinge extending the full width, adding strength and beauty to the entire equipment.

Century



The Century Grand, Fully Extended

The front has both vertical and horizontal movements and is held securely at any desired point on the bed by an automatic clamp.

A description of the exclusive Century feature—the Revolving Back—will be found on page 4.

The Century Grand is regularly equipped with Centar Lens, Series II. This lens is of the symmetrical type, perfectly achromatic, rectilinear, and of superior covering power and definition. It is admirably adapted for portraits, groups, architectural subjects, marine views, landscapes, copying, flashlight pictures, etc.—in fact, the Centar Lens is designed for general photography

The front and back combinations may be used alone as longfocus objectives. In this form they are particularly well adapted for distant views, mountain scenery, and all remote subjects, where extreme speed is not essential. The focal length of either the front or back lens when used alone is double that of the complete lens, and the size of the image is therefore about twice that given by the compound lens.

Our latest and best Shutter—the No. 1 Automatic—is fitted to the Century Grand. Its many attractive features and advantages will be appreciated by both amateur and professional photographers. The Automatic operates for instantaneous, time and bulb exposures. The mechanism is so constructed that in moving to terminate an exposure it will automatically set itself for the next exposure. There can be no question as to "whether the shutter is set," as it is always ready for instant use, being released and set by simply pressing the bulb. The diaphragms are marked in accordance with the standard U S. system. Both lens and shutter are fully described on pages 41 and 45.

The Century Grand may, of course, be supplied with the various types of high-grade Anastigmat Lenses. The Anastigmat Lens—that is, if it is desired to employ it to the best possible advantage and derive from it the best that it can do—naturally suggests, in fact necessitates, the use of the Graflex Focal Plane Shutter. This shutter is fitted to all Century Cameras in a manner to conform to the general style and finish of the camera.

The Century Grand is enclosed in a handsome sole leather carrying case, plush-lined, having a compartment at one end to accommodate five extra plate holders. A carrying case which will hold camera with Graflex Focal Plane Shutter attached is supplied in place of regular case without extra charge when this outfit is ordered complete. Nothing has been spared to make the Century Grand absolutely the best camera in every detail of construction ever offered, and the success of our efforts is attested by the enviable reputation this instrument has made for itself among the foremost photographers.

Our claims for superiority in design, general construction and numerous exclusive features, are all justified—as an examination will prove. The Century Grand speaks for itself, and stands to-day as a representative camera of the highest possible type.

SPECIFICATIONS

Dimensions	$6\frac{4 \times 5}{6\frac{5}{8} \times 3\frac{3}{4} \times 6\frac{1}{4}}$	5 x 7 8 ⁷ / ₈ x 4 ¹ / ₈ x 8 ¹ / ₂	
Length of Bellows	17"	231/2"	28"
Weight	3 lbs. 4 oz.	5 lbs. 8 oz.	9 lbs.

PRICE

Including one Double Plate Holder and handsome Plush-Lined Sole Leather Carrying Case

	$4 \ge 5$	5 x 7	61/2 x 81/2	
Century Grand, with Centar Lens, Series II	\$ 40.00	\$ 50.00	\$ 67.00	
With B. & L. Plastigmat Lens	77.95	95.30	134.90	
With Zeiss-Tessar IIb Lens	77.95	106.80	178.40	
With Zeiss-Protar VIIa Lens	97.45	122.30	154.40	
With Isostigmar Lens and Volute Shutter	80.75	103.60		
Extra for Graflex Focal Plane Shutter	22.00	24.00	27.00	
Extra Double Plate Holders, each	1.00	1.25	1.75	
For complete particulars regarding Special Equi	pments fitte	d with A	nastigmat	

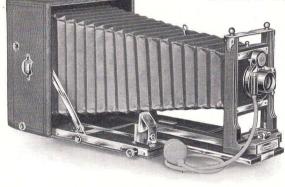
For complete particulars regarding Special Equipments fitted with Anastigmat Lenses, see page 28.

Century

WITH REVOLVING BACK

The phenomenal success which attended the introduction of the Century Model 47 proves conclusively that this camera possesses practical advantages that have been long sought by photographic workers. When the

numerous adjustments and



general excellence of the Model 47 have been fully considered, it will be instantly apparent that the needs and require mentsof the

most exacting photographers have been anticipated.

Model 47 has a Double-section, Brass-bound Telescopic Bed, which insures perfectly smooth movement for focusing, and likewise an absolutely rigid support even when the bellows is fully extended. The extended section of the bed is securely locked in any position by merely pushing in the focusing pinion.

Model 47 is also adapted for use with extreme Wide Angle Lenses having the Detachable Side Arms for Dropping Bed; also Supplementary Bed with rack and pinion movement; also Vertical Central Swing Back and Horizontal Side Swing, and each one of these adjustments is particularly noteworthy by reason of its extreme simplicity and its ease of operation.

Model 47 has also the Revolving Back, and every detail in construction bears evidence of the careful and painstaking workmanship which characterizes a Century Camera. The front has both vertical and horizontal movements, the rising and falling movement being controlled by our new self-locking device. A turn raises (or lowers) the front and locks it in place. The position of the front or the bed is also firmly secured at any desired point by our Automatic Clamp.

The Centar Lens, Series II, and No. 1 Century Automatic Shutter, are supplied with this equipment. The Centar Lens

Century

being of the symmetrical type of construction, the back combination may be used alone, thus doubling the focus of the lens when used as a doublet. This feature will be found of consid-

erable advantage in photographing distant objects. Description of this lens will be found on page 41 and of the shutter on page 45.

A full and complete description of the Graflex Focal Plane Shutter, which is recommended with all highgrade Century equipments, will be found on pages 46 and 47 This shutter will most assuredly add

greatly to the satisfactoriness of Model 47 or any other fine outfit.

When the Graflex Focal Plane Shutter is ordered a carrying case which will accommodate the camera with shutter attached is supplied in place of the regular case without extra charge.

SPECIFICATIONS

Dimensions	$6\frac{1}{2} \times \frac{4 \times 5}{3\frac{3}{4}} \times 6\frac{1}{4}$	5 x 7 8 ⁷ / ₈ x 4 x 8 ¹ / ₂	$10^{\frac{61}{2} \times 8^{\frac{1}{2}}}{10^{\frac{5}{8}} \times 4^{\frac{3}{4}} \times 10^{\frac{1}{2}}}$
Length of Bellows	111/2"	17″ 5 lbs. 6 oz.	21″ 8 lb. 8 oz.
Weight	3 lbs. 1 oz.	5 IDS. 0 OZ.	8 10. 8 02.

PRICE

Including one Double Plate Holder and Plush-Lined Sole Leather Carrying Case

Century Camera Model 47, with Centar Lens,	4 x 5	5 x 7	6 ¹ / ₂ x 8 ¹ / ₂
Series II	\$ 47.50	\$ 57.50	\$ 75.00
With B. & L. Plastigmat Lens	85.45	102.80	142.90
With Zeiss-Tessar IIb Lens	85.45	114.30	186.40
With Zeiss-Protar VIIa Lens	104.95	129.80	162.40
With Isostigmar Lens and Volute Shutter	88.25	111.10	
Extra for Graflex Focal Plane Shutter	22.00	24.00	27.00
Extra Double Plate Holders, each	1.00	1.25	1.75
	C11	7	· · · · · · · · · · · · · · · · · · ·

For complete particulars regarding Special Equipments, fitted with Anastigmat Lenses, see page 28.



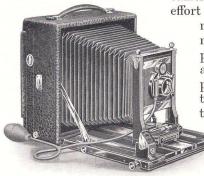
20

Century

CENTURY GRAND SENIOR

WITH REVOLVING BACK

The fame of Century Cameras, and the acceptance of the term "Century Quality" as a specification among camera makers, is due in a large measure to the Century Grand Senior. This camera is the result of a well directed



Century Grand Senior Partly Extended

effort to concentrate in one instrument all the Century improvements and adjustments, and to produce a camera that is adaptable to every class of photographic work. While the Century Grand Senior is the camera of greatest utility,

> it also possesses an excellence of design and a richness of appearance that appeals at once to the sense of the beautiful. It is to be re-

gretted that description and illustration can but so poorly portray this splendid instrument.

The Century Grand Senior, while differing in construction from the regular Grand, contains all the features which have popularized that camera, and in addition has—

Detachable Side Arms, for Dropping Bed,

Supplementary Bed for using extreme Wide Angle Lens with Rack and Pinion Movement,

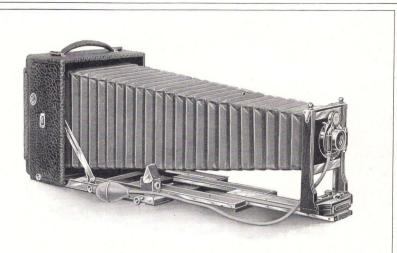
Vertical Central Swing Back,

Horizontal Side Swing for correcting violent perspective lines.

In connection with the Century Swing Bed, the Vertical and Horizontal Swing Backs give the greatest range and adjustment ever attained in a hand camera. And it is worthy of note that the Grand Senior is an uncommon example of a cycle type of camera having Double Swing Back and Swing Bed, free from all complicated parts and so neatly adapted as to add practically nothing to either the bulk or the weight. The telescopic bed is made in three sections, all operated by a single pinion, with the Century pinion lock. The same amount of friction exists whether the front section is fully or only partly extended, and by a peculiar arrangement of the wood and metal parts, the bed resists atmospheric changes to a remarkable degree.

The section carrying lens and shutter moves first by turning

Century



Century Grand Senior, Fully Extended

the focusing pinion, and when fully extended locks automatically into, and at the same time carries forward, the second section by means of a continuous rack. Each of the three sections is bound with metal to prevent any possibility of lost motion, and brass guides on top of the bed serve to insure strength and perfect rigidity The bed is attached to the camera by a piano hinge extending the full width, adding strength and beauty to the entire equipment.

The front has both vertical and horizontal movements, the former being governed by our new self-locking device. It is held securely at any desired point on the bed by our new Automatic Clamp.

The Grand Senior is regularly equipped with Centar Lens, Series II. This is a lens of the symmetrical type, perfectly achromatic, rectilinear and of superior covering power and definition. Either the front or back combination can be used alone for distant views, mountain scenery, etc., and when so used the focus is double that of the compound lens. The lens is fully described on page 41. The No. 1 Automatic Shutter is regularly fitted. See page 45 for description. By means

of a supplementary bed, very short focus or wide angle lenses can be used with equal facility The main bed drops by detaching the side arms, and the supplementary bed, which can



Supplementary Bed for Wide Angle Lenses

Century

be instantly adjusted, supports the front. This bed also has rack and pinion for accurate focusing. The Wide Angle



Showing Supplementary Bed Attached for Wide Angle Lens

Bed, when adjusted, locks automatically in place, and can not become accidentally detached. The horizontal and vertical swings are available for both regular and wide angle lenses.

> The Anastigmat Lens and Graflex Focal Plane Shutter would both of course add greatly to complete the Century Grand Senior, in fact the two should always be considered together in completing any high-class equipment. Various well-known Anastigmats may be fitted. The Graflex Shutter is made to harmonize with the general appearance and finish of the camera and when ordered as part of one of these outfits, a carrying case to hold camera with shutter attached is sup-

plied without extra charge, in place of regular carrying case. As previously stated, the Century Grand Senior must be seen to fully appreciate its many meritorious and exclusive features. Our claims for superiority—in design, in construction, in adjustments, in finish, in optical and mechanical excellence—will be fully substantiated by a critical examination.

Tany substantiated by a critical chammin	CO CA CA AN			
SPECIFICATIONS				
4 x 5 5	x 7	61/2 2	: 81/2	
Dimensions $6\frac{4}{8} \times \frac{5}{8} \times \frac{4}{8} \times \frac{5}{6}$ Length of Bellows $17''$ 23	$1\frac{1}{8} \ge 8\frac{1}{2}$	105% x 4	$\frac{1}{4} \ge 10\frac{1}{2}$	
Length of Bellows 17" 23	$3\frac{1}{2}''$	28	s''	
Weight 3 lbs. 6 oz. 5 lbs	. 12 oz.	9 1	os.	
PRICE				
Including one Double Plate Holder and H	Tandsome	Plush-Lin	ed	
Sole Leather Case				
	4 x 5	5 x 7	6 ¹ /2 x 8 ¹ /2	
Century Grand Sr., with Centar Lens, Series II	\$ 53.00	\$ 63.00	\$ 80.00	
With B. & L. Plastigmat Lens	90.95	108.30	147.90	
With Zeiss-Tessar IIb Lens	90.95	119.80	191.40	
With Zeiss-Protar VIIa Lens	110.45	135.30	167.40	
With Isostigmar Lens and Volute Shutter	93.75	116.60		
Extra for Graflex Focal Plane Shutter	22.00	24.00	27.00	
Extra Double Plate Holders, each	1.00	1.25	1.75	

For complete particulars regarding Special Equipments fitted with Anastigmat Lenses, see page 28.

Century



Century Grand Senior Special, Zeiss Lens and Graflex Focal Plane Shutter

CENTURY SPECIAL The Century Models 46, 47, Grand and Grand Senior Specials are the regular cameras as described on pages 15 to 23, fitted with any of the following Lenses, Isostigmar, Bausch & Lomb Plastigmat, Zeiss Tessar Series IIb or Ic, Zeiss Convertible Protar VIIa, Cooke Series III and Goerz Series III or Type B Series Ib, and either a No. 1 Automatic, B. & L. Volute, XL Sector or Graflex Focal Plane Shutter.

A FEW WORDS ON ANASTIGMAT LENSES The Anastigmat Lens was designed to overcome the defect which exists in the Rectilinear, or the Symmetrical, in that,

in both of these two latter types it is not possible to bring into focus at the same time vertical or horizontal lines lying in the same plane. The optical properties introduced in its manufacture give, among other advantages, extreme speed, minute definition over the entire plate, great covering power, without the use of small stops or diaphragms, brilliant illumination and remarkable depth of focus. The reflected image of an Anastigmat, even with the lens at full opening, possesses a sharpness and noticeable "crispness" that is impossible to produce with the ordinary lens. It is adapted for every conceivable photographic purpose—portraiture, groups, landscapes, animal life, architectural subjects, interiors, copying, enlarging, process work, etc.—in fact, it is the universal lens.

The possession of an Anastigmat Lens broadens the photographer's opportunities. Instantaneous exposures are no longer

Century

confined to brilliant days when conditions of light are just right—but fully-timed pictures may be made in cloudy and dull weather. The advantage of speed applies with equal force to time exposures. For example, if a portrait required an exposure of say four seconds, with an ordinary Symmetrical Lens, an Anastigmat would reduce the time nearly one-half—a very important consideration, especially if the subject happens to be a child.

The absence of completeness-THE VALUE OF THE ANAS-TIGMAT WITH AND WITHOUT and more than that-the want THE FOCAL PLANE SHUTTER of thorough effectiveness in a Century Special Camera without the proper kind of a shutterprompts the recommendation of the Graflex Focal Plane Shutter as a necessary part of these outfits. All the advantages of a high-class equipment, made up of a Century Model 46 or 47, a Century Grand or a Century Grand Senior, and a fast Anastigmat Lens, can not be secured without a Focal Plane Shutter In fact an outfit of this kind is worthy of the very best shutter The Graflex Focal Plane Shutter that can be provided for it. is fitted with a removable and interchangeable revolving back so that the shutter may be removed from the camera whenever so desired, and the camera used in the ordinary manner, the Century No. 1 Automatic or the Volute Shutter being likewise, when so desired, a part of the outfit.

ON THE FITTING OF SPECIAL LENSES AND SHUTTERS icate operation. Unless each lens is accurately centered and so mounted as to maintain absolutely the correct optical distance between front and back combinations, the best results cannot be obtained.

To avoid errors as well as to maintain our present high reputation for perfect goods, we do not list Centurys without lens or shutter, as we can only guarantee the whole equipment to prove satisfactory to the purchaser when the *camera*, *lens and shutter are supplied by us*.

Each Century Special is enclosed in a handsome sole leather carrying case, plush-lined, with lock, key and two snap catches. The case has a compartment for five extra plate holders. When Focal Plane Shutter is ordered as part of the outfit, a case which will hold the Camera with shutter attached is supplied in place of regular case, without extra charge.

The prices are quoted on page 28.





CENTURY SPECIAL EQUIPMENTS

C II

NIN

The combinations listed below are carried in stock and can be promptly furnished. The cost of any other make of lens or shutter will be quoted on request. The following prices include the B. & L. Volute Shutter or XL Sector Shutter. The Graflex Focal Plane Shutter will be added at prices quoted below If our No. 1 Automatic Shutter is desired in place of the Volute or XL Sector, deduct from these prices allowance as given below

Camera	Size	With Goerz Ser. III and Volute or XL Sector Shutter		Volute or YI		With B. & L. Plas- tigmat Lens and Volute Shutter		With Zeiss-Protar VIIa and Volute Shutter		With Zeiss-Tes- sar IIb and Volute Shutter		With Cooke Series III and Volute Shutter	
		No.	Price	No.	Price	No.	Price	No.	Price	No.	Price	No.	Price
Century Model 46	4 x 5	1,	\$ 89.25	1,	\$ 93.25	2,	\$ 84.25	3,	\$103.75	5,	\$ 84.25	4,	\$ 83.75
Century Model 46	5 x 7	3,	116.10	3,	121.00	3,	99.60	8,	126.60	6,	113.10	6,	106.60
Century Model 46	61/2 x 81/2	4,	140.10	4,	157.10	5,	141.20	11,	160.70	8,	185.10	7,	157.60
Century Model 46	8 x 10	6,	180.60	Not	furnished	6,	163.60	17,	241.10	9,	227.60	Not	furnished
Century Grand	4 x 5	1,	97.25	1,	101.25	2,	92.25	3,	111.75	5,	92.25	4,	91.75
Century Grand	5 x 7	3,	126.10	3,	131.00	3,	109.60	8,	136.60	6,	123.10	6,	116.60
Century Grand	61/2 x 81/2	4,	150.10	4,	167 10	5,	151.20	11,	170.70	8,	195.10	7,	167.60
Century Model 47	4 x 5	1,	104.75	1,	108.75	2,	99.75	3,	119.25	5,	99.75	4,	99.25
Century Model 47	5 x 7	3,	133.60	3,	138.50	3,	117 10	8,	144.10	6,	130.60	6,	124.10
Century Model 47	61/2 x 81/2	4.	158.10	4,	175.10	5,	159.20	11,	178.70	8,	203.10	7,	175.60
Century Grand Senior	$\tilde{4} \ge 5$	1,	110.25	1,	114.25	2,	105.25	3,	124.75	5,	105.25	4,	104.75
Century Grand Senior	5 x 7	3,	139.10	3,	144.00	3,	122.60	8,	149.60	6,	136.10	6,	129.60
Century Grand Senior	$6\frac{1}{2} \ge \frac{81}{2}$	4,	163.10	4,	180.10	5,	164.20	11,	183.70	8,	208.10	7,	180.60

EXTRA

Extra for	4 x 5	5 x 7	6 ¹ / ₂ x 8 ¹ / ₂	8 x 10	Deduct for Automatic Shutter in place of			
Graflex Focal Plane Shutter	\$22.00	\$24.00	\$27.00	\$31.00	Volute No. 1 or XL Sector Nos. 1 and 2	\$14.30		
Zeiss-Protar Series V Wide					Volute No. 2	16.30		
Angle Lens	No. 1, 22.50	No. 2, 22.50	No. 3, 28.00	No. 4, 35.00	Volute No. 3 or XL Sector No. 3	16.70		

NOTE—No. 1 Volute Shutter is fitted to Plastigmat Nos. 2 and 3; Zeiss VIIa Nos. 3 and 8; Zeiss-Tessar IIb No. 5; Cooke III No 4; Goerz Ser. III Nos. 1 and 2. No. 2 Volute Shutter is fitted to Plastigmat No. 5; Zeiss-Protar VIIa No. 11; Zeiss-Tessar IIb No. 6; Cooke III No. 6; Goerz Nos. 3 and 4; Goerz Ser. IB. Type B. No. 1. No. 3 Volute Shutter is fitted to Zeiss-Tessar IIb No. 8; Cooke III No. 7; Goerz Ser. III No. 6; Goerz Ser. IB. Type B. Nos. 2, 3 and 4.

Century

CENTURY STEREOSCOPIC CAMERAS

WITH AUTOMATIC ROLLER DIVISION

Stereoscopic Photography is a branch of picture making which is daily enlisting more enthusiasts. The making of stereoscopic pictures is most attractive and fascinating. For

this class of work a Stereo Compact Camera, and also Models 43, 46, 47 and the Century Grand Stereos are offered. The Century Stereo Compact embodies all requisite adjustments—including rack and pinion, swing back, swing bed, adjustable front, automatic bed clamp, No. 3 Automatic Shutter, and

a pair of matched Rapid

Rectilinear Lenses. It is extremely

portable, measuring only $2\frac{1}{2} \ge 6\frac{1}{2} \ge 8\frac{1}{2}$ inches, constructed throughout of mahogany, and covered with fine black cowhide leather.

As far as outside dimensions, focal capacity and general design are concerned, the Stereoscopic Centurys, Models 43, 46, 47 and the Century Grand correspond with the regular models, but in place of one lens for full-size 5 x 7 pictures, they are fitted with a matched pair of lenses and the Automatic Double Valve Stereoscopic Shutter Models 43, 46, 47 and the Century Grand are fitted with a pair of matched Rapid

Symmetrical Lenses. The regular lens and shutter for making full-size $5 \ge 7$ pictures can be added to the outfit at any time, in which manner a most complete photographic equipment is provided.

PRICE

Including Sole Leather Case and one Double Plate Holder

Century Stereo Compact	\$35.00
Century Stereo Model 43	48.00
Century Stereo Model 46 .	60.00
Century Stereo Grand	70.00
Century Stereo Model 47	77.50
Extra for 5 x 7 Rapid Symmetrical Lens	
and No. 1 Automatic Shutter	13.50



Century

CENTURY STEREO SPECIAL

The Stereo Century Special equipments are designed with the idea of offering the finest Stereoscopic outfit in the world. They are equipped with high-grade Anastigmat Lenses and Graflex



Century Stereo Special, Model 47, with Zeiss-Tessar Lenses

Focal Plane Shutter

To these cameras may also be added a regular $5 \ge 7$ lens and shutter of any desired type, so that when so equipped there is provided an outfit which, for range of work, can hardly be equalled. The Stereo Special, Model 47, possesses great

> utility, by reason of the drop bed feature, by which it is rendered available for extreme wide angle stereo work. At the same time it possesses a bellows capacity of 17 inches, which makes it possible to employ lenses of more than ordinary focal length.

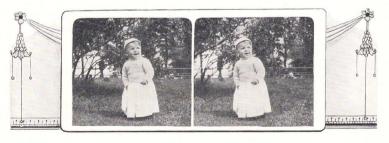
With all Special Stereo outfits is supplied a plush-lined

carrying case with lock and key, with space at one end for camera, with Focal Plane Shutter attached, and at the other for extra holders.

PRICE

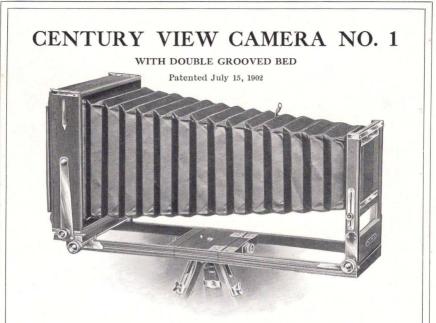
Including	Graflex	Focal	Plane	Shutter,	Double	Plate	Holder
·	e			ing Case			

Century Century Century Fitted with Stereo Grand Stereo 46 Stereo 47 Pair No. 1 B. & L. Plastigmat Lenses \$136.20 \$146.20\$153.70 Pair No. 4 Zeiss-Tessar IIb Lenses 145.20 135.20 152.70 Pair No. 2 Zeiss-Protar VIIa Lenses 177.20 187.20 194.70 Pair No. 3 Zeiss Protar VIIa Lenses 187.20 197.20 204.70 Extra for Pair No. 1 Zeiss-Protar V Lenses Matched 47 70



30

Century



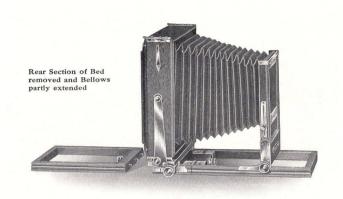
To the advanced amateur or professional photographer who requires a camera that combines the highest degree of efficiency with a solidity of construction that will withstand the most strenuous usage, the Century View Camera presents many advantages over all other cameras of this type. The fact that the most successful View Photographers are users of the Century View Cameras indicates their exceptional merit.

SPECIAL FEATURES AND POINTS OF EXCELLENCE

Camera arranged for extreme Wide Angle Lens 1. A Double Grooved Bed. The scheme of operating the front and back of the camera in separate grooves on the bed is distinctly a "Century idea," covered by letters patent. This method permits the use of extra long side brackets supporting the front and back, insuring strength and solidity A double grooved bed also provides for a very much shorter focus wide angle lens,

> as the front carrying lens can be brought closer to the ground glass than is possible with the ordinary type of view camera.

Century



2. Perfect rigidity in every part in any position.

3. Extreme length of bellows for copying, enlarging, telephoto, and other work requiring long focus lenses.

4. The focus may be adjusted by moving the front or back as preferred; both are operated by rack and pinion.

5. Three Section Bed. The second section is hinged and arranged to fold close to the camera, even when lens and shutter are attached. The third section adjusts at the back by means of a large thumb-screw, and two pins fitting in brass sockets, avoiding any lost motion.

6. Automatic Stop Lock, to prevent back going beyond edge of bed.

 $\tilde{7}$ Adjustable Sliding Front of great range; rack and pinion movement.

8. Both Horizontal and Vertical Swings operate at the center, with set-screws at either side. Brass Plumb Indicator for adjusting swing back.

9. Reversible Back for horizontal and upright views.

FOCAL CAPACITY OR LENGTH OF BELLOWS

5 x 7-22 inches. 61/2 x 81/2-27 inches. 8 x 10-32 inches. 11 x 14-37 inches.

PRICE

THIOL				
Including one Plate Holder and Canvas C.	ase, with	space f	or Five .	Holders
Century View Camera No. 1	5 x 7 \$21.00	61/2 x 81/2	8 x 10 \$25.00	11 x 14 \$36.00
Graflex Focal Plane Shutter, extra	24.00	27.00	$31.00_{ m f}$	Not urnished
Rapid Symmetrical Lens and No. 4 Shutter, extra Rapid Symmetrical Lens and No. 1	10.00	15.00	18.00	
Shutter, extra	13.50	18.50	21.50	
Extra Double Plate Holders, each	1.25	1.75	2.00	4.50
Carrying Case, if made to hold tripod, ext	ra 75	75	75	

Centur,





It is decidedly inadequate to say that the Century View Camera No. 2 is the most superior View Camera which has ever been offered. This, however, was the one aim in the production of it and we feel satisfied that we have succeeded in accomplishing the desired results. The Century View No. 1 in itself represents an almost unexcelled type of View Camera. In the No. 2 we have incorporated many of the features of the No. 1 and they are all good ones—and these, with a number of new and valuable improvements, have given the No. 2 an acknowledged and deserved prestige.

An exclusive Century idea is the auxiliary base, which is, in reality, a supplementary bed on which the entire camera moves forward or back by rack and pinion, so that the weight is evenly distributed and the camera always in perfect balance when on the tripod, no matter whether an extra long focus or a wide angle lens is employed. The advantage of this feature will at once appeal to both the professional and the advanced amateur photographer

The bellows is almost square, tapering but very little, thus giving an extra large front and lens board which will accommodate large lenses and likewise inside shutters if desired. Both swings, as well as the rising and falling front, are operated by rack and pinion.

One of the essential factors of Century success has been the

Century

close attention to the details of camera construction. Examine closely the No. 2 View and see whether this has not been borne



out. Everything that counts in producing a rigid, accurate and adaptable camera finds place in it.

The Graflex Focal Plane Shutter when fitted to a Century View Camera naturally adds to the efficiency of the outfit, as an equipment is then provided which permits of all kinds of work from time exposures to fast speed work. The Graflex Shutter when ordered for Century View Cameras is

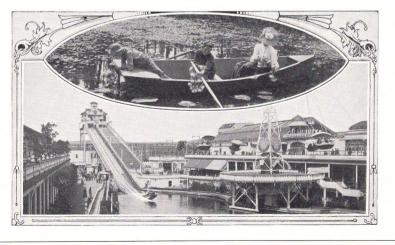
supplied to conform to the camera, being furnished in beautifully polished mahogany, in every way in keeping with the camera.

FOCAL CAPACITY OR LENGTH OF BELLOWS $6\frac{1}{2} \ge 8\frac{1}{2}$ —27 inches. 8 ≥ 10 —32 inches.

PRICE

Including one Plate Holder and Canvas Case, with space for Five Holders

$6\frac{1}{2} \ge 8\frac{1}{2} $ \$26.00	8 x 10 \$30.00
27.00	31.00
15.00	18.00
18.50	21.50
1.75	2.00
75	75
	$6\frac{1}{2} \times 8\frac{1}{2}$ \$26.00 27.00 15.00 18.50 1.75

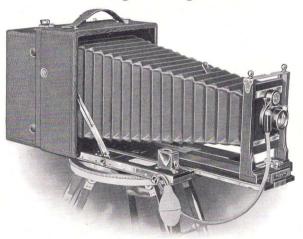


Century



THE CIRKUT PANORAMIC OUTFIT

WHAT PANORAMIC PHOTOGRAPHY IS The introduction of Cirkut Apparatus most assuredly and admittedly marks a new epoch in that most delightful field of all photographic work—the panoramic. The meaning that is gathered from the word



panoramic itself, conveys an idea of the kind of photography possible with the Cirkut—a complete and true picture just as one would see it were one to stand in a central position and view the scene in every direction.

Panoramic photography—true panoramic photography—has been so long in presenting itself, on account of the many and great apparent difficulties in constructing apparatus that would do the work properly An instrument that will expose a sensitized surface many feet in length, avoiding the violent distortion invariably in evidence in the ordinary type of panoramic camera, is truly a Panoramic Camera, and the only one justly entitled to that distinction. That is the Cirkut. Its plan of construction does not contemplate the use of the short focus lens. It offers great latitude in the focal length of lenses. With the Cirkut, distortion is practically eliminated and the long-looked-for real Panoramic Camera is an accomplished fact.

THE NEW CIRKUT OUTFIT Outfits the former educted for f

The wonderful success of the original No. 10 and No. 16 Cirkut Cameras has led to the introduction of the smaller No. 6 and No. 8

Outfits, the former adapted for film $6\frac{1}{2}$ inches wide, the latter for 8-inch widths.

The Cirkut Panoramic Outfit is in itself a most complete affair, being made up of a camera which can be used in the ordinary manner for plates if desired, and a Panoramic Attachment which is easily and quickly attached to the camera, thus converting it into a Panoramic Outfit. The attachment in itself is much like an ordinary Cartridge Roll Holder, in that it is made to use Eastman Daylight-loading Cartridge Film. In addition it contains the mechanism which, when the outfit is in operation, unwinds the film past a slot on a roller and in so doing exposes it and at the same time revolves the camera about on an axis—a special tripod and top being furnished. A pressure on the release is all that is necessary to start the motoranother pressure stops it; thus negatives of any desired length up to 6 feet with the No. 6, and 8 feet with the No. 8 may be made. A complete circle of 360° may thus be photographed if desired.

There is an indicator on the top of the film holder showing the exact quantity of film exposed and that remaining unexposed. By another very ingenious arrangement one is enabled to determine, before exposure is made, how long a photograph the view decided on will be.

ADAPTABILITY OF There is one

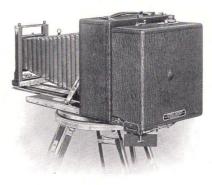
Cirkut Attachment

THE CIRKUT THE CIRKUT general adaptability They are more. With them one is not limited as to size of the photograph to be made. The picture is made to conform with the ideas of the photographer. How frequently it happens that

Century

the composition of a beautiful landscape is marred because with a 5 x 7 camera it must conform to the inartistic limitations of the size of the plate. Not so with the Cirkut. Would you have your photograph $6\frac{1}{2} \ge 8\frac{1}{2}$, make it so, would your picture be better were it $6\frac{1}{2} \ge 10$ or $6\frac{1}{2} \ge 12$ —all really artistic dimensions—make it so. All this can be done without the least

The camera is difficulty loaded with a roll of film 3 feet or 6 feet long, as may be desired, and a succession of exposures, one after the other, of whatever length the operator may determine, is made by merely starting and stopping the motor until the roll of film has all been exposed. Then additional rolls may be loaded in broad daylight. With the No. 6 Outfit,



Attachment Fitted to 5 x 7 Camera

photographs $6\frac{1}{2}$ inches wide and any length up to 6 feet may be made, and with the No. 8 Outfit, 8 inches wide and any length up to 8 feet, all on Eastman Daylight-loading Film. Compare this operation with that of the operator who goes out with the conventional $6\frac{1}{2} \ge 8\frac{1}{2}$ or $8 \ge 10$ View Camera and the necessary quota of glass plates and other paraphernalia, and then the results are only the conventional $6\frac{1}{2} \ge 8\frac{1}{2}$ or $8 \ge 10$ photographs.

WHAT CAN BE DONE WITH THE CIRKUT The variety of subjects for panoramic pictures is almost unlimited. Scenery of all kinds, mountains, lakes, valleys, exten-

sive manufacturing plants, college and university grounds, residences, private estates, groups, games, athletic sports, etc., may be made with the Cirkut.

Just consider the possibilities of a camera that will make, with one exposure, a negative any length desired up to six or eight feet. Unlimited in angle of view and equally sharp from end to end—this, in brief, describes the Cirkut Outfit. It is a most desirable and valuable addition to any equipment and in point of fact for successful panoramic work it is practically indispensable.

Eastman Daylight-loading Film only is supplied for all Cirkut Apparatus.

Century

AN EQUIPMENT In addition to the Panoramic Outfit, either INCOMPARABLY COMPLETE Cirkut No. 6 or No. 8 provides an equipment which permits of its use as a regular hand

camera for plates when so desired, and while the camera is adapted for panoramic work, by removing the film attachment, a revolving ground glass back is provided, which may be easily fitted, thus converting the outfit into a Revolving Back Plate Camera. With the No. 6 the camera is a 5 x 7; the No. 8 is $6\frac{1}{2} \ge 8\frac{1}{2}$

The camera has a double-section brass-bound telescopic bed, swing back and bed, rack and pinion movements, extra bellows length, and is in every way up to the Century Standard.

The lens regularly supplied is the Centar Series II, with Century No. 1 Automatic Shutter.

A double plate holder, a Crown Tripod (the best tripod made) complete the outfit. There is nothing in the entire field of photographic apparatus which for completeness is in any way comparable with the Cirkut Panoramic Outfit. A carrying case which will hold the complete outfit is furnished. Cirkut Outfits will be sold complete only

SPECIFICATIONS

	NO. 6	NO. 8
Width of Photograph	61/2''	8″
Dimensions of Camera	81/8 x 41/8 x 81/2	$10\frac{5}{8} \ge 4\frac{3}{4} \ge 10\frac{1}{2}$
Weight of Camera	53% lbs.	$8\frac{1}{2}$ lbs.
Dimensions of Camera with Attachment	8% x 8 x 81/2	$10\frac{5}{8} \ge 8\frac{1}{4} \ge 10\frac{1}{2}$
Weight " " " "	9 lbs.	14 lbs.
Length of Bellows	17″	21''

PRICE

Cirkut Panoramic Outfit, including Century Camera, Series II Centar Lens, No. 1 Automatic Shutter and Panoramic Attachment; also removable, Revolving Back and Double Plate Holder for Camera, Tripod and Carrying Case to hold com-No. 6 No. 8 \$112.50 \$175.00 plete equipment No. 3 157.80 No. 5 242.90 With B. & L. Plastigmat Lens With B. & L. Zeiss-Protar VIIa No. 9 197.30 No. 12 283.40 $6\frac{1}{2}'' \ge 3'$ Film, Roll $6\frac{1}{2}'' \ge 6'$ " $8'' \ge 4'$ " .80 1.60 1.30 8" x 8 66 2.60



Centur

GRAFLEX PHOTOGRAPHY

Concisely described, the Graflex is the camera of unequalled effectiveness. Its effectiveness is evidenced in its adaptability for almost every purpose to which a hand camera may be applied. Its *unequalled* effectiveness lies in the fact that the Graflex will do all that any hand camera will do, and more. An entirely original type of construction with exclusive ideas, the Graflex possesses, not alone, most superior advantages for high-speed work, but employs these same features so as to make it an exceedingly convenient and an unusually available instrument for every day hand camera work. It is in fact the universal camera. There is a sense of certainty with the Graflex that enhances greatly the pleasure of doing photographic work. The subject is carefully composed on the focusing screen, rightside up, and the picture is taken just as the operator wants it and just when he wants it.

The advantage of accurate focusing is so thoroughly appreciated by every photographic worker that a discussion of it is quite unnecessary, but the inverted image on the focusing screen with the bothersome focusing cloth, together with the time which is necessarily lost between the focusing of the camera and the making of the exposure, minimizes greatly the value of this feature. Anyone who has ever photographed will readily appreciate the value of a focusing screen on which the object may be seen full size of plate, right-side up, particularly when there are no loose parts or awkward operations required. Add to this the advantage of making the exposure at the very instant the object is seen on the screen, and that this exposure can be varied from the highest to the lowest speeds, and we have a feature indispensable for speed work, and obviously of

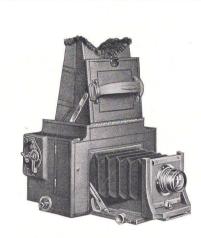
great value for nearly all kinds of photography It is this, together with its famed Focal Plane Shutter, which has made the Graflex, the camera admired by photographic enthusiasts everywhere—the universal camera for speed and time work. It is indispensable for the one and invaluable for the other.

Graflex Cameras are fully described in a special Graflex catalog, which will be mailed free upon request.



Graflex Negative

Century





PRICES

AUTO GRAFLEX

Without Lens	$3\frac{1}{4} \ge 4\frac{1}{4}$ \$ 60.00	4 x 5 \$ 75.00	5 x 7 \$ 90.00	
With B. & L. Zeiss Tessar	φ 00.00	φ 15.00	φ 30.00	
Series IIb F 6.3	No. 4, 93.50	No. 5, 115.00	No. 6, 149.50	
With Goerz Series III	No. 1, 105.00	No. 2, 126.50	No. 3, 152.50	
With Isostigmar F 5.8	No. 4, 93.00	No. 4a, 109.50	No. 6a, 136.00	
With Cooke Series III	No. 31/2, 97.50	No. 4, 114.50	No. 6, 143.00	
	PRESS GRAF	LEX	5 x 7	
Without Lens			\$110.00	
With B. & L. Zeiss Tessar	Series Ic F 4.5	No. 16	182.00	
With Goerz Series III No.			185.50	
With Cooke Series IIIa No			163.00	
	3A GRAFL	EX	3 ¹ / ₄ x 5 ¹ / ₂	
Without Lens	UII OILIID		\$ 75.00	
With B. & L. Zeiss Tessar	Series IIb No.	5a	124.00	
With Goerz Series III No.			126.50	
With Isostigmar No. 4a F			109.50	
With Cooke Series III No.			123.50	
REVOLVIN	IG BACK AU	TO GRAFLE	X 4 x 5	
Without Lens			\$125.00	
With B. & L. Zeiss Tessar	IIb No. 6		184.50	
With Goerz Series III No.			187.50	
With Cooke Series III No.			178.00	
STEL	REO AUTO G	PAFIEX		
Without Lenses			\$200.00	
With Matched Pair B. & I	Zoiss Tossar II	h No 5	280.00	
With Matched Pair Goerz		10 10. 0	292.50	
With Matched Pair Cooke			279.00	
	URALISTS' G	DATIEV		
and an and an and an and an	UKALISIS' G	KALLEA	4 x 5	
Without Lenses	Contra VIII N	10	\$190.00	
With B. & L. Zeiss Protar	Series VIIa No.	. 19	378.50	

Century

CENTURY LENSES

Century Lenses are made in the largest and best equipped optical factory in the country, that of Bausch & Lomb Optical Company Every process, from the selection of the raw material through the successive steps of grinding, polishing, cementing and mounting, is accurately controlled. Every lens that does not reach the proper standard of quality to which all Century Lenses must conform, is rejected.

The Century Rapid Rectilinear Lenses are composed of two achromatic combinations of equal focus. They are sufficiently rapid for general amateur work, and possess good covering power and definition.

The Rapid Symmetrical is a higher type of lens than the Rectilinear, and possesses qualities not found in the ordinary double combination lenses of the Rectilinear form. It is made of superior glass and ground upon curves that insure increased covering power, ample speed for instantaneous exposures and a flat field.

The Centar Series II is a Symmetrical type of lens perfectly achromatic, Rectilinear, and of superior covering power and definition. It is admirably adapted for portraits, groups, architectural subjects, landscapes, copying, etc.

The front and back combinations may be used alone as long focus objectives. In this form they are particularly well adapted for distant views, mountain scenery and all remote subjects, where extreme speed is not essential. The focal length of either front or back lens, when used alone, is double that of the complete lens, and the size of the image is, therefore, about twice that given by the complete lens.

WIDE ANGLE LENSES

A Century Wide Angle Lens is a valuable addition to any outfit. It includes from twenty-five to thirty degrees wider field than the Rapid Rectilinear, Rapid Symmetrical, or Centar Lenses and is particularly valuable for confined situations interiors and certain architectural subjects. Being much shorter in focus, it permits placing the camera closer to the object.

Century Wide Angle Lenses fit the same shutter and interchange with the regular Rectilinear, Rapid Symmetrical and Centar Lenses.

4 x 5, \$5.00

PRICE 5 x 7, \$7.50

 $6\frac{1}{2} \ge 8\frac{1}{2}$, \$12.00

Century

ANASTIGMAT LENSES

The Rectilinear or Symmetrical Lenses with which hand cameras are ordinarily equipped possess one inherent defect impossible to overcome. This defect is astigmatism, which may be defined as the inability to focus at the same time vertical and horizontal lines lying in the same plane.

The Anastigmat Lens with its superior correction has several advantages over the Rectilinear Lens. It has greater speed because it may be used with full opening, and the resulting image will be brilliant and sharp all over. The sharpness is not confined to one spot, as is the case with the Rectilinear Lens when used with full opening. It has greater covering power, that is, area in which the image is sharply defined, and a flatter field permitting the formation of flat images, not curved. Its greater speed and covering enable it to be used, therefore, advantageously under conditions where the ordinary lens is valueless.

BAUSCH & LOMB-ZEISS TESSAR f-6.3 SERIES IIb

The Tessar is light and and compact and particularly adapted for hand cameras. It is twice as fast as the ordinary camera lens and gives sharp definition, illumination of unusual uniformity, and great covering power

	Circo & Dista	Paulastant	Discustor	1	Price
No.	Size of Plate Covered with Stop f-6.3, Inches	Equivalent Focus, Inches	of Lens, Inches	Lens Only	Fitted with Aluminum Volute Shutter
4	$3\frac{1}{4} \ge 4\frac{1}{4}$	53/8	$\frac{15}{16}$	\$ 33.50	\$ 50.50
5	$4 \ge 5$	$6^{1/8}$	$1\frac{1}{16}$	40.00	57.00
5a	$5 \ge 7$	$7\frac{1}{16}$	11/4	49.00	67.50
6	5 x 8	81/4	$1\frac{7}{16}$	59.50	78.00
7	$6\frac{1}{2} \ge 8\frac{1}{2}$	10	13/4	80.50	99.00
8	$\tilde{8} \ge 10^{\circ}$	12	21/8	118.50	138.50

BAUSCH & LOMB-ZEISS NEW TESSAR f-4.5

		England	Diamatan		rice
No.	Size	Equivalent Focus, Inches	of Lens, Inches	Lens and Bar- rel with Iris Diaphragm	Fitted with Aluminum Volute Shutter
15	4 x 5	6	$1\frac{5}{16}$	\$ 47.00	\$ 65.50
15a	5 x 7	$7\frac{1}{16}$	$1\frac{5}{16}$ $1\frac{9}{16}$	57.60	76.10
17	61/2 x 81/2	97/8	21/4	115.20	135.20
18	8 x 10	117/8	25/8	162.00	

BAUSCH & LOMB-ZEISS CONVERTIBLE PROTAR f-6.3 SERIES VIIa

Are composed of two single, perfectly corrected, Anastigmats, of different foci, which may be used singly or in combination. When the single elements have different foci, the lens is convertible into three lenses of different foci, having a speed of f-7 or f-77, which is almost twice that of the ordinary camera lens.

No.	Size in Inches of Plate	Combinations of Single Protars, Focus						Combined Equivalent	Speed	Price
	Covered with Full Aperture	Front Lens	Back Lens	Focus, Inches		Lens Only				
1	3 ¹ / ₄ x 3 ¹ / ₄	$7\frac{3}{16}$	$7\frac{3}{16}$	41/8	f-6.3	\$ 51.00				
2	$3\frac{1}{4} \times 4\frac{1}{4}$	834	$7\frac{3}{16}$	$41/_{2}$	f-7	54.50				
3	$4 \ge 5$	$11\frac{3}{16}$	$7\frac{3}{16}$	5	f-77	59.50				
4	$4 \ge 5$	83/4	834	$5\frac{1}{16}$	f-6.3	58.00				
5	$41_4 \times 61_2$	$11\frac{3}{16}$	834	55/8	f-7	63.00				
6	$41_4 \times 61_2$	$13\frac{3}{4}$	834	618	f-77	70.00				
7	41/2 x 71/1	$11\frac{3}{16}$	$11\frac{3}{1.6}$	63/8	f-6.3	68.00				
8	$5 \ge 7$	$13\frac{3}{4}$	$11\frac{3}{16}$	7	f-7	75.00				
9	5 x 8	$16\frac{1}{8}$	$11\frac{3}{16}$	71/2	f-7 7	87.50				
10	5 x 8	133/4	13^{3}_{4}	77/8	f-6.3	82.00				
11	6 ¹ /2 x 8 ¹ /2	$16\frac{1}{8}$	$13\frac{3}{4}$	81/2	f-7	94.50				
12	61/2 x 81/2	187/8	133/4	91/8	f-77	115.50				
13	61/2 x 81/2	161/8	1618	91_{4}	f-6.3	106.50				

BAUSCH & LOMB PLASTIGMAT f-6.8

Is a Symmetrical Lens, the front and back combinations being composed of four lenses each. The separate systems show great covering power The rear combination can be used at a speed of f-13.5, one-half as great as the ordinary Rectilinear.

		Equivalent	Size of Plate Price				
No.	Diameter of Lens	Focus of Doublet	F-6.8	Plastigmat only	Fitted with Aluminum Volute Shutter		
1	7/8	$5\frac{1}{4}$	$3\frac{1}{4} \ge 4\frac{1}{4}$	\$34.00	\$51.00		
2	$\frac{1}{16}$	61/4	4 x 5	40.00	57.00		
3	$1\frac{3}{32}$	71/2	5 x 7	48.00	65.00		
4	13/8	83/4	5 x 8	55.00	73.50		
5	15/8	11	61/2 x 81/2	75.00	93.50		

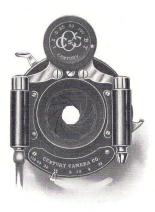
COOKE SERIES III f-6.5

No.	Equivalent Focus	With Full Apertures to Cover Plates	With Iris Diaphragm and Standard Flange
1	3	$2\frac{1}{4} \times 2\frac{1}{4}$	\$ 27.50
2	$4\frac{1}{4}$	$3\frac{1}{4} \times 3\frac{1}{4}$	32.00
3	5	$3\frac{1}{4} \times 4\frac{1}{4}$	35.00
4	67/8	4 x 5	39.50
5	$7\frac{1}{2}$	5 x 7	48.50
6	81/4	5 x 8	53.00
7	11	7 x 9	91.00
8	13	$8 \ge 10$	120.00

Century

CENTURY SHUTTERS

Century Shutters are made especially for Century Cameras, and are exclusive in design. They are beautifully finished, the bodies being a rich black with nickel fittings.



No. 1 Century Automatic Shutter

It is a fact worthy of consideration, that all screws, levers, cases and other working parts are measured, gauged and tested. The pneumatic retarding pistons upon which the accuracy of the various automatic exposures depends, are ground and fitted by hand, and carefully tested to a uniform standard. Even such minute details as the heads of screws used to hold the parts together, receive individual attention, each screw being placed in a lathe and polished by hand with several grades of specially prepared polishing The axis upon which materials. leaves of the iris diaphragm move is accurately turned and carefully riveted

in place by hand. The actuating springs, made of the finest tempered steel wire, are coiled by hand, securing the utmost uniformity and elasticity

The Focusing Lever applied to all regular Century Shutters throws back the shutter leaves to permit focusing on the ground glass screen. With other iris diaphragm shutters it is necessary to set the dial for "time" exposures—then press the bulb or trigger to open the lens. All setting and pressing is dispensed

with in the Century Shutters, as it matters not how the indicator stands, when you wish to focus, simply adjust the focusing lever at the side. The shutter leaves will part giving full aperture of the lens.

All Century Shutters have triplicate movement—operating for instantaneous, time and bulb exposures. The various speeds in fractional parts of seconds are governed by an indicator and dial at the top (excepting the No. 3 Automatic),



No. 3 Century Automatic Shutter

Centur

while the iris diaphragms are regulated by a lever at the bottom of the shutter. The various apertures are marked on a scale in accordance with the U S. system. The first cut on page 44 shows our new No. 1 Automatic Double Valve Shutter.

The mechanism is so arranged that after an exposure is completed the shutter automatically sets itself for the next picture. There can never be a question as to "whether the shutter is set" as it is ready at all times, being released and set simultaneously by either the finger or the bulb.

The shutter blades are manufactured of a special material not affected by variation in temperature, and are shaped so as to give the most even illumination.



No. 4 Century Regular Double Valve Shutter

The No. 3 Automatic Shutter, shown at the bottom of the preceding page, is the neatest and best moderate-priced shutter on the market. It gives three different exposures, viz., time, bulb and instantaneous. By moving an indicator at the top, the speed is quickly adjusted.

The No. 4 Regular Double Valve Shutter is one of the best types for general use yet devised. The ease of adjustment, perfect working of all parts, compactness and attractive design are noticeable features. The shutter is set by a lever at the top. Back of the shutter blades, which are shaped to give as even an illumination as possible, there is an iris diaphragm, operated by an index lever at the bottom.

On a dial at the top, the various degrees of speed are indicated in fractional parts of seconds and exposures of different lengths are secured by simply turning a milled head to the right or left. The speeds are controlled by a patent pneumatic device.

PRICE LIST OF CENTURY SHUTTERS

No. 1 Century Automatic Shutter	3 ¹ / ₄ x 4 ¹ / ₄ \$10.00			$^{6\frac{1}{2}}_{12.00} \times ^{8\frac{1}{2}}_{12.00}$	
No. 3 Century Automatic Shutter	4.00	4.00			
No. 4 Century Regular Shutter	6.00	6.00	6.00	8.00	10.00



Century

GRAFLEX FOCAL PLANE SHUTTER

PATENT ALLOWED

THE SCOPE OF A GRAFLEX SHUTTER

For ultra rapid photography, the Graflex Shutter presents numerous advantages over those working in front of, between or behind the lens. To

secure successful negatives of rapidly moving objects, such as horse and automobile races, rail-



road trains, foot-ball games, baseball contests, etc., there is no style of shutter that can equal the Graflex. And while constructed primarily for high-speed work, it is also adapted for slow automatic exposures and time exposures of any duration. Its position immediately in front of the sensitive plate or film insures the distribution of light with equal intensity upon every portion of the sensitized surface. In addition, the principle upon which it is constructed not only gives the

maximum in speed, but at the same time the plate receives a greater volume of light in a given time than with any other type of shutter.

In comparing the Focal Plane Shutter with the THE between-lens type of shutter, which is most com-ADVANTAGES monly in use, particular stress should be laid upon the fact that with the Focal Plane Shutter there is absolutely no diminishing of the volume of light passing through the lens, in other words the full efficiency of the aperture used is maintained during exposure. With the between-lens type of shutter there is only a fraction of the exposure given with the working aperture of the lens, varying from that down to the pin-hole. It therefore follows that with the between-type of shutter highspeed exposures would be ineffective, owing to the method of lighting.

OPERATION AND CONSTRUCTION

By simply turning a small key the speed can be varied from "time" to $\frac{1}{1000}$ part of a second. The maximum speed of an ordinary

shutter placed at the diaphragm of a lens does not exceed $\frac{1}{100}$ of a second and many shutters of this class do not give shorter exposures than $\frac{1}{50}$ of a second.

Century

The Graflex Shutter is instantly set for any exposure by a *half-turn* of the winding key Dials on the outside indicate both the size of curtain aperture and the tension of roller spring controlling the speed.

The Curtain of the Graflex Shutter is made on an entirely new principle—in one long piece, with apertures ranging from full opening to $\frac{1}{8}$ of an inch. This insures an absolutely uni-

form aperture for the admission of light, and not a wedgeshaped opening, as is so often the case with shutters having a double adjustable curtain.

The Graflex Shutter is as easy to operate as an ordinary shutter and can be adapted to all makes of folding plate cameras. Graflex Focal Plane Shutters for Century Cameras are fitted to the Century without extra charge, but when ordered for other cameras we add cost of adapting.

THE ANASTIGMAT AND FOCAL PLANE SHUTTER

Realizing that the full possibilities of the Anastigmat lens cannot be secured with the ordinary type of shutter,

Century Special Outfits are now listed in connection with the Graflex Focal Plane Shutter. A good camera and a good lens should have a good shutter, and a Century Special with one of these shutters leaves very little to be desired. For prices of these outfits see page 28.

SPECIFICATIONS

		SILCIFICATI	UNB		
Dimension	4×5	5 x 7	$6\frac{1}{2} \times 8\frac{1}{2}$		x 10
Dimensions Weight	$6\frac{1}{4} \ge 6\frac{1}{4} \ge 2$ 15 oz.	844 x 844 x 2 22 oz.	9 ³ / ₈ x 9 ³ / ₈ x 2 ¹ / ₂₆ oz.		$1\frac{1}{8} \times \frac{2}{8}$ oz.
		PRICE			
		4 x 4	5 5 x 7	6 ¹ / ₂ x 8 ¹ / ₂	8 x 10
Fraflex Foca	l Plane Shutte	r \$22.0	00 \$24.00	\$27.00	\$31.00
NH I					B
	- And I	1 14			

CENTURY PLATE HOLDERS

It is obvious that perfect pictures cannot be obtained from fogged plates. Fog results, many times, from the use of defective holders, which are faulty in design and construction. We can guarantee successful results only when Century Holders are used in Century Cameras. Century Plate Holders are made throughout of hard wood, all joints dovetailed and fitted with our new light-excluding cut-off—a perfect device—which prevents light passing through the narrow opening when the slide is inserted or withdrawn. They are compact, light and easy to load, and the plate can be inserted or removed without touching the sensitive surface. The holder is designed so as to allow the exposure of the full width of the plate.

To fill the holder it is only necessary to rest the plate on a wooden ledge or bar at one end, press the bar down and the plate falls in place.

All Century Holders are fitted with special rubbed slides experience having demonstrated their superiority over all other slides. We use material for slides made to our order especially for Century Holders. It is cut, coated and rubbed in our own factory Century Holder Slides

> Will not Electrify and Cause Fog; Will not Collect Dust; Will not Crack or Split;—

It is impossible to avoid these conditions with hard rubber.

	PRIC	E		
$3\frac{1}{4} \ge 4\frac{1}{4}$, each $4 \ge 5$, "	$5 \times 7, \epsilon$ $6\frac{1}{2} \times 8\frac{1}{2}, \epsilon$	each \$1.25 '' 1.75	$8 \ge 10$, each $11 \ge 14$, "	

DAYLIGHT ROLL HOLDERS

FOR CARTRIDGE FILM

The Roll Holder is about the size of three double plate holders, and will hold Film Cartridges of twelve exposures. By means of a Cartridge Roll Holder those desiring to avail themselves of the advantages of film may do so at small outlay, as the Roll Holder is adaptable to all Centurys except Petite No. 1 and $3\frac{1}{4} \ge 5\frac{1}{2}$ Petite No. 3.

The Cartridge Holder loads in daylight and is interchangeable with regular plate holders in the field.

PRICE				
	31/4 x 41/4	4 x 5	5 x 7	
Cartridge Roll Holder fitted to Century Camera	\$5.00	\$5.00	\$6.50	
5				

Century

THE CROWN TRIPOD

PATENTED JUNE 23, 1903

The Crown is a four-section telescopic folding tripod, absolutely rigid, quickly set up and readily adjusted for height. It is made of selected straight-grained cherry, soaked in an oil



bath for ten days before being finished. The wood is then rubbed down and shel-This treatment renlaced. ders it extremely tough and practically waterproof.

For carrying, the lower sections telescope into the third and the upper section folds back upon it, making it very compact. All binding screws on lower sections of this tripod are "upset" and cannot be lost.

Taper pins in the ear pieces of the head fit snugly into metal-tipped sockets of

the legs, preventing loose joints and side play Expansion brackets in the upper section make it impossible for the legs to be detached from the head until brackets are folded.

The No. 1 when closed measures $161/_{1}$ inches and weighs, with top, 36 ounces. When extended to its full capacity, it stands $4\frac{1}{3}$ feet high.

The No. 2 closed measures $17\frac{1}{4}$ inches and weighs, with top, 65 ounces. When extended, it has a height of $4^{2}/_{3}$ feet.

The No. 3 closed measures 20 inches and weighs, with top, 70 ounces. When extended, it has a height of $5\frac{1}{5}$ feet.

PRICE

No. 1 Crown Tripod, with 4-inch top \$5.50 No. 2 Crown Tripod, with 6-inch top No. 3 Crown Tripod, with 6-inch top



49

6.00 7.50

Century

THE CENTURY COLOR SCREEN

The Century Color Screen is made from two pieces of selected optical glass, between which is a stained balsam, spectroscopically tested, to give the best rendering of color values.

They are fitted in a polished and lacquered brass mount with an adjustable clamp ring, which permits the screen to be used on a number of lenses.

The Century Color Screen is indispensable for photographing flowers, fruit and other highly colored subjects, and for securing cloud effects it has no equal.

In ordering give exact diameter of lens hood.

PRICE

No. 1, $1\frac{1}{2}$ inches in diameter	\$2.25
No. 2, 2 inches in diameter	2.75
No. 3, 3 inches in diameter	3.25

CARRYING CASES

Century Cases are made of the best sole leather with solid corners—not stitched. The camera is carried in one end and extra plate holders in the other. Cases for Model 47 and all Grand Cameras are plush-lined.

View Camera Cases, as listed below, are oblong. They are covered with canvas, lined with cloth and have two compartments. One for camera and the other for holders.

Style Camera	3 ¹ / ₄ x 4 ¹ / ₄	4 x 5	5 x 7	6½ x 8½
Century Models 39 and 40, Keratol	\$1.50	\$1.50	\$2.25	
Century Models 41, 43, 46	3.50	4.00	5.00	\$6.50
Century Model 47		5.00	6.00	8.00
Century Grand and Grand Senior		5.00	6.00	8.90
Petite Centurys	2.25	2.50	Shoulder Straps	
Petite Centurys velvet-lined	3.00	3.50	For 4 x 5 Cameras 30c For 5 x 7 Cameras 65c	

CANVAS COVERED CASES FOR VIEW CAMERAS

	5 x 7	6½ x 8½	8 x 10	11 x 14
Century View No. 1 and No. 2	\$2.00	\$2.25	\$2.50	\$3.50
If made to hold tripod, extra	75	.75	75	
Lock and key, extra	75	75	75	1.00

Century

CROWN FLASH LAMP

FOR PURE MAGNESIUM ONLY

The Crown Flash Lamp is so constructed that the magnesium powder is stored in the body of the lamp and blown up through the center of flame, thoroughly consuming it and producing a

powerful light. The head of lamp is filled with lamp-wick, saturated with alcohol. This gives a large flame, which is very essential in a perfect flash lamp.

The head of lamp is removable in order to fill the magazine with magnesium powder. A safety disc is provided, to protect the hand when using the lamp. Tube and mouth pieces are all furnished.

The double spreader will not clog up and is more powerful



than any other lamp of double its cost now on the market. Long or short flashes can be made.

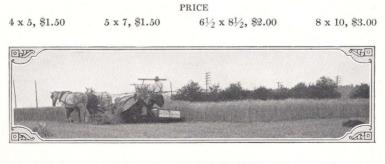
The Crown is the perfection of flash lamps, being safe, economical and reliable. It is finished in polished nickel and presents a very handsome appearance.

Price

\$1.50

CENTURY PORTRAIT ATTACHMENT

For making large portraits with short bellows cameras—like Models 40, 41 and 43. We can furnish this attachment for all makes of cameras.



Century

MISCELLANEOUS

Three	Century Co Fold	ompact,	Price	Tripod Sc	rews		Price
No. 1	\$1.70	No. 3	\$3.50	For Leg			\$.25
No. 21/2	3.00	No. 4	4.50	For Top, u	p to 11 x 1	4	.30
Inside Ki	ts (To Fit a	ny Holder)		For Top, 11	x 14		.40
		\$.20 .25 .30 .35	5 For Ground Glass, Extra Quality, Satin Finish				
Lens Boa	irds			$3\frac{1}{4} \ge 4\frac{1}{4}$ $3\frac{1}{4} \ge 5\frac{1}{2}$	\$.12 .15	$ 5 X 8 6\frac{1}{2} X 8^{1/2} $	\$.20 .20
For Cent	arys up to 5 :	x 7	\$.35	4 x 5	.15	8 x 10	.30
For Centi	irys above 5	x 7	.50	5 X 7	.18	11 x 14	.50
	o Century		.50	0 14 1			10 0
For View For Centu	For View Cameras up to 8 x 10 .50 For Century View, 11 x 14 .70			Special Rubbed Holder Slides			
		oards for View er for No. 1 or		$3^{1}_{4} \times 4^{1}_{4}$ $3^{1}_{4} \times 5^{1}_{2}$			\$.20 .25
eras, sp							
Bellows				4 x 5			.25
Bellows	Contum M	adole 40 41 and		5 X 7			.35
		odels 40, 41 and		5 X 7 $6^{1/2} X 8^{1/2}$.35 .45
Bellows 4 x 5	Petites N	los. 1 and 2	\$2.00	$\begin{array}{ccccc} 5 & {\rm x} & 7 \\ 6^{1\!\!/_2} & {\rm x} & 8^{1\!\!/_2} \\ 8 & {\rm x} & 10 \end{array}$.35 .45 .55
Bellows	Petites M Century M Century M	Nos. 1 and 2 odels 40 and 41 odels 43, 46, 47		5 X 7 $6^{1/2} X 8^{1/2}$.35 .45
Bellows 4 x 5 5 x 7 4 x 5	Petites M Century M Century M and Gran	Nos. 1 and 2 odels 40 and 41 odels 43, 46, 47 nd Cameras	\$2.00	$5 x 7 \\ 6\frac{1}{2} x 8\frac{1}{2} \\ 8 x 10 \\ 11 x 14 $.35 .45 .55
Bellows 4 x 5 5 x 7	Petites N Century Mo Century Mo and Gran Century Mo	Nos. 1 and 2 odels 40 and 41 odels 43, 46, 47 nd Cameras odels 43. 46, 47	\$2.00 2.50 3.00	$\begin{array}{ccccc} 5 & {\rm x} & 7 \\ 6^{1\!\!/_2} & {\rm x} & 8^{1\!\!/_2} \\ 8 & {\rm x} & 10 \end{array}$	Backs		.35 .45 .55
Bellows 4 x 5 5 x 7 4 x 5 5 x 7 4 x 5 5 x 7	Petites N Century Mo Century Mo and Gran Century Mo and Gran	Nos. 1 and 2 odels 40 and 41 odels 43, 46, 47 nd Cameras odels 43, 46, 47 nd Cameras	\$2.00 2.50 3.00 4.00	$5 x 7 6\frac{1}{2} x 8\frac{1}{2} 8 x 10 11 x 14Reversible$		Camerae	.35 .45 .55 1.00
Bellows 4 x 5 5 x 7 4 x 5 5 x 7 5 x 7 5 x 7	Petites N Century Mo and Gran Century Mo and Gran Century Vio	Nos. 1 and 2 odels 40 and 41 odels 43, 46, 47 nd Cameras odels 43. 46, 47 nd Cameras ew, No. 1	\$2.00 2.50 3.00 4.00 4.00	5 x 7 6 ¹ / ₂ x 8 ¹ / ₂ 8 x 10 11 x 14 Reversible For 5 x	7 View	Cameras	.35 .45 .55 1.00 \$7.50
Bellows 4 x 5 5 x 7 4 x 5 5 x 7 5 x 7 5 x 7	Petites N Century Mo Century Mo and Gran Century Mo and Gran Century Vio	Nos. 1 and 2 odels 40 and 41 odels 43, 46, 47 nd Cameras odels 43, 46, 47 nd Cameras	\$2.00 2.50 3.00 4.00	$5 x 7 6\frac{1}{2} x 8\frac{1}{2} 8 x 10 11 x 14Reversible$	7 View	Cameras	.35 .45 .55 1.00

OUR TERMS

All quotations are f. o. b. Rochester. We make no charge for packing, and guarantee safe arrival of goods when forwarded by express. Shipments by mail are always at the risk of purchaser, and postage must invariably be added to the cost.

We prefer that remittance be made by Draft on New York, Post-Office or Express Money Order or Registered Letter. Personal checks, when from parties unknown to us, unless certified by the bank on which they are drawn, will delay shipment of goods until check can be collected. Ten cents must be added to all personal checks to cover cost of exchange.

For the convenience of our customers, we suggest they purchase through a regular dealer in photographic goods, thus saving time and express charges.

> CENTURY CAMERA DIVISION EASTMAN KODAK COMPANY ROCHESTER NEW YORK

