

INSTRUCTIONS

FOR USING

The Adams "Vesta" Camera.



ADAMS & CO., 

FACTORIES:
TOTTENHAM, N.
TELEPHONE: 4031 BERRARD.
TELEGRAPHIC ADDRESS:
"PYRO, LONDON."

24 CHARING CROSS ROAD,
LONDON, W.C.

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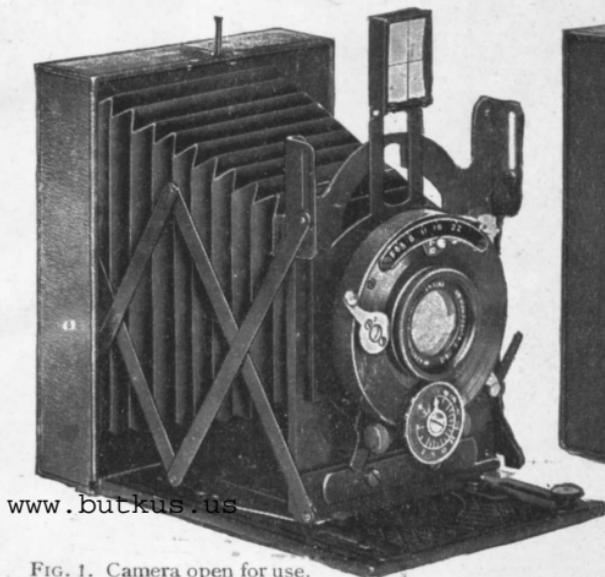
24 CHARING CROSS ROAD,

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INSTRUCTIONS

FOR USING THE

Adams "VESTA."



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FIG. 1. Camera open for use.

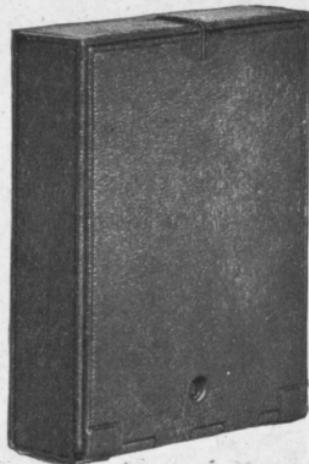


FIG. 2. Camera closed, as carried.

IT is *very* necessary that the following instructions be understood and correctly followed to ensure the easy working of the Instrument. When the Camera is first received, it should be carefully gone over and examined with this book of instructions in hand. Small details may be varied from time to time.

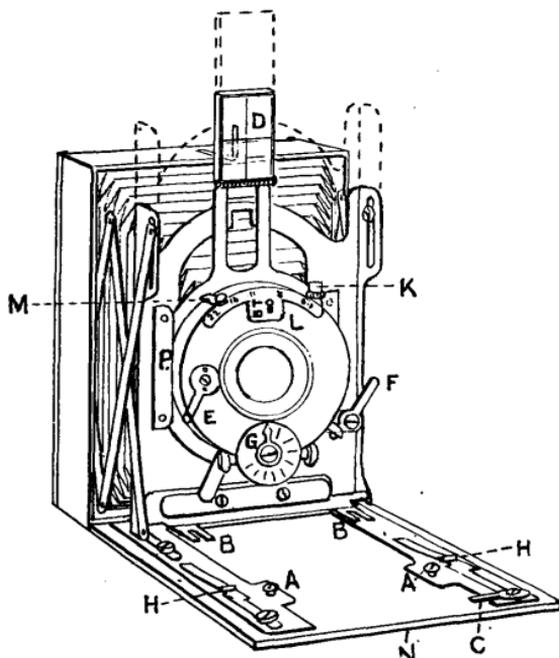


FIG. 3.

TO OPEN AND CLOSE CAMERA.

When Camera is closed, it is as Fig. 2. Standing over the front top edge a pin will be noticed. This keeps the Camera closed, and also acts as the View Finder sighting pin (A, Fig. 4) when erected. When thus erected, the flap or baseboard can be brought down into position N, Fig. 3. Then take hold of each side of the front of the Camera and pull forward until shaped prongs B are

inserted under heads A. Press baseboard upwards a little, so that prongs fit under screw heads A easily. This single action has erected the instrument ready for use. See that B is brought right home into A, as if so, springs H will automatically spring up behind the Camera front, and hold it perfectly rigid.

To close the Camera, depress the two springs H just behind the Camera front, and push the whole of the lens front backwards into the Camera body, when the viewfinder D will automatically fold and pack itself away. If the Camera front is pushed well home, the baseboard will easily close up and may then be secured or fastened by means of the wire catch provided, and as shown in Fig. 2.

HOLDING CAMERA.

A convenient method of firmly holding the Camera, is as Fig. 4. Hold the thumbs upon the back, and firmly grip the baseboard between the second and third fingers as shown. The first finger of the left hand is then in a convenient position for releasing the shutter. The lens is in its normal position when right down in the Camera front. When in this position and using the view finder, the eye should see along point A, Fig. 4, to centre of cross lines in finder B. ~~It will be noticed that when in this position the top of Camera front C can be just seen if looking along D, and this should be borne in mind if looking into the finder when the rising front is being used,~~

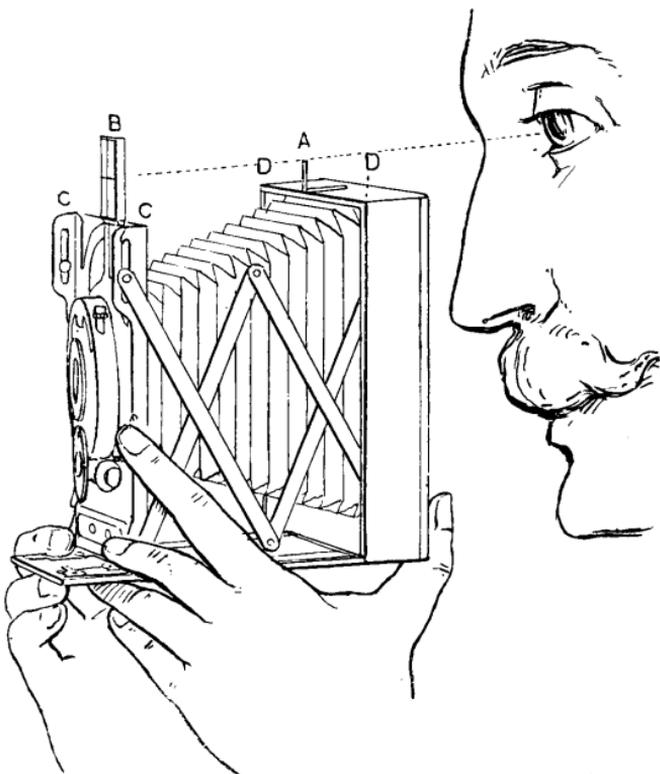


Fig. 4.

~~as then~~ it will partly show the change of view obtained upon the sensitized plate, according to the amount of rise used. To obtain this advantage, the position of the eye must ~~not~~ be moved, as it is ~~then not~~ correct for the top of A to register to centre of cross lines B. A few minutes devoted to testing this may be worth while. First hold

and view the picture exactly as Fig. 4. Then raise the lens front slowly, ~~without moving position of the eye~~, and the change of view in the finder will be noticeable.

A special ADAMS' Patent Brilliant View Finder, for horizontal and vertical views, including level, for looking down upon whilst Camera is held to waist level, may be obtained at a cost of 21/-. It clips on to baseboard at N, Fig. 3.

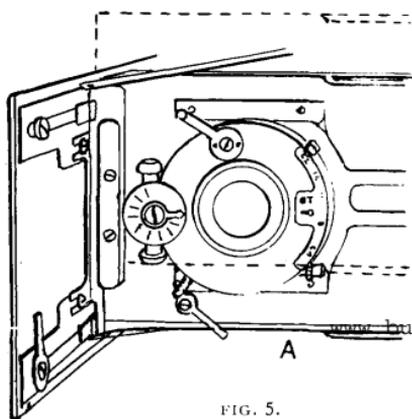


FIG. 5.

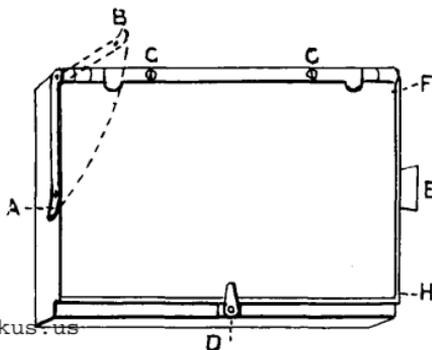


FIG. 6.

The vertical rising front is shown by means of dotted lines in Fig 3, and the horizontal rising front by dotted lines in Fig. 5. Whether the Camera is held vertically or horizontally, it must always be held *square* and the back part perfectly upright or perpendicular, otherwise upright lines of buildings, &c., will not be upright in the picture. For vertical use, move lens and shutter upward in groove P,



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Fig. 3, as shown by dotted lines. For horizontal rise move the whole of Camera front upwards by sliding A, Fig. 5, upwards as shown by dotted lines in Fig. 5, and in direction of engraved arrow. When taking horizontal pictures hold the Camera in position of Fig. 5, taking hold of the baseboard in the right hand, and releasing the shutter with the left.

INSERTING AND REMOVING DARK SLIDE.

Insert long side of slide carefully into groove H, Fig. 6, upon side of Camera body, after seeing that locking lever A is open in direction of dotted line B. Then press slide carefully into the Camera back, noticing that it is firmly home in contact all the way round, then place back locking bar B, securing it on to its pin at A. If it is desired to attach the draw-out metal shutter of the dark slide to the Camera, instead of carrying it in the pocket, slide it under stud heads C C and D.

The daylight loading film pack adapter is attached to the Camera in the same manner, but the metal draw-out shutter may be inserted in the leather pocket provided at its back.

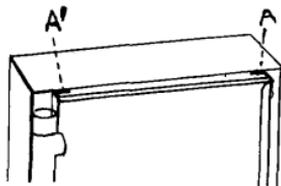


FIG. 7.

When inserting the shutter of the dark slide, be *very* careful to put it in its proper place, which should be in the grooves A', A, Fig. 7. Do *not* place it in *front* of them, otherwise the shutter would not be *in* the slide, but outside it. Carefully note this.

To remove slide from Camera, after removing A, Fig. 6, to B, raise the top corner of slide at A', Fig. 7, when it may easily be lifted out.

SHUTTER.

This can be seen upon Fig. 3.

E.—Setting lever.

F.—Finger release.

G.—Speed indicating plate, which may be revolved, and speed required placed opposite the indicator.

K.—Fitting for patent antinous release, which can be supplied for a cost of 2/6 extra.

L.—Adjustment for BULB and TIME exposures.

M.—Iris diaphragm indicator, which can be moved opposite stop required.

To set the shutter, raise lever E upwards, until it clicks and holds fast. It may be released either by K or F. It may also be opened by K or F, *without* being set, but *only* TIME and BULB exposures should be given this way. If the shutter is to work at any of the speeds upon G, the shutter *must* be set first. For BULB or TIME exposure,

place pin in slot opposite B or T but do not *set* shutter. If set for BULB the shutter will remain open as long as the finger is kept pressing the release. If set for TIME, the first pressure of release opens the shutter, and the second pressure closes it.

To open the shutter to permit focussing upon screen, press either release before the shutter has been set, and another pressure when it is desired to close it.

REMOVING LENS AND SHUTTER.

When the Camera is closed and dark slide withdrawn, the back flange holding bellows to lens can be unscrewed, and then lens and shutter lifted out from the front. It can be replaced in similar manner.

Be careful that it is correctly attached, otherwise the Camera might not be light tight, also the shutter might fall off.

If it is required to use the lens and shutter upon other Cameras or enlarging lanterns, a special flange can be supplied at 3/- each.

FOCUSSING.

If lever C, Fig. 3, is loosened, the front of the Camera can slide along by means of its focussing plate. An indicating mark and engraved focussing scale is provided, or the picture may be focussed upon the ground glass screen sent

out with each Camera. When required the sliding focussing extension may be fastened or locked by means of the lever C, Fig. 3,

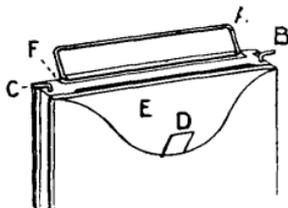


FIG. 10.

DAYLIGHT LOADING FILM PACK ADAPTER.

The loaded film pack adapter is inserted in the Camera just as a dark slide. When an exposure is to be made, remove the front draw out shutter A, Fig. 10; all the films in the package can now be exposed without returning the slide. The adapter may be removed from the Camera at any time between exposures, providing the slide has been returned to its place in the adapter. When shutter A is withdrawn from front, it may be placed in pocket E, Fig. 10. To remove back pull tab D, after having removed top turn button. Turn button C secures draw out shutter A, and B secures back door E.

Gently break label on face of pack after having placed pack in adapter. Gently pull out black tab marked

“Safety Cover” until red cross line appears. Tear off this tab. The first film is now in position for exposure. Expose, pull out tab “No. 1,” and tear off. No. 2 is now in position for exposure. Repeat the operation **one at a time** as additional exposures are to be made. When all tabs have been pulled out and torn off, pack is exhausted. It is now light tight, and may be taken from the adapter in daylight and replaced by a fresh one.

When pulling out any black tab with one hand, press remaining tabs under finger or thumb of other hand. This will prevent the possibility of pulling out more than one tab at a time.



FIG. 11.

TRIPOD SCREW.

Tripod screws are 9d. each, as they are seldom required, most light tripods having the screws attached.

If a screw is not fixed to tripod being used, use above screw. Remove flynut, then screw into Camera as far as pin A. Place screw through hole in ordinary tripod top, replace nut and screw up firmly.

GENERAL.

All *best* quality Anastigmatic Lenses are subject to small air bubbles in the glass. It is a guarantee of their superiority, and is *not* a defect.

Interior of Camera should be kept clean. It can be dusted by means of a camel air brush. Use the little instrument carefully and do not subject it to rough and unfair usage, then no reasonable fault will be found with its working.

Your kind recommendation of our Cameras is most respectfully solicited. We also trust to be occasionally favoured with a specimen of your work. Such consideration is most highly esteemed. Criticisms and suggestions are always welcome and much appreciated.



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EXPOSURE TABLE.

These are approximate for mid-day in June, using VIDEX Special Rapid Plates.

Stop.	Sea and Sky.	Open Landscape.	Landscape with Shadows.	Under Trees.	Interiors.	Portraits out of Doors.	Portraits in ordinary Rooms.
F 8	...	$\frac{1}{160}$	$\frac{1}{18}$	4 secs. to 5 min.	3 min. to 1 hour.	$\frac{1}{18}$	About 6 or 10 secs.
F 11	...	$\frac{1}{64}$	$\frac{1}{8}$				
F 16	$\frac{1}{100}$				

For F 6.3, about half of F 8.

For F 16, double that of F 11, For F 22, four times F 11. For F 32, eight times F 11.

The above must be multiplied according to time of year, somewhat as follows :—

A.M.	P.M.		May. Junc. July.	April. August.	March. September.	February. October.	January. November. December.
	12	...	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$3\frac{1}{2}$
11	OR 1	...	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$2\frac{1}{2}$	4
10	„ 2	...	1	$1\frac{1}{4}$	$1\frac{3}{4}$	3	5
9	„ 3	...	$1\frac{1}{4}$	$1\frac{1}{2}$	2	4	—
8	„ 4	...	$1\frac{1}{2}$	2	3	—	—
7	„ 5	...	$2\frac{1}{2}$	3	6	—	—
6	„ 6	...	3	6	—	—	—
5	„ 7	...	6	—	—	—	—

For determining exposure, a Wynne's Exposure Meter will be found helpful. We recommend this being purchased direct from us, as it will then be examined and *fresh* paper inserted.

Price **6/.** Postage **2d.**

The ADAMS "Videx" Plates.

The Adams "VIDEX" Plate consists of a rich emulsion that offers advantages in the way of latitude of exposure and satisfactory density that **cannot** be obtained by any plate that has to be cut down in price at the expense of what is essential to produce the **very best**.

They will stand climatic and keeping tests far beyond others.

Clouds may be obtained upon the same negative with these plates. Halation is reduced to a minimum, and may be still further reduced by having them backed.

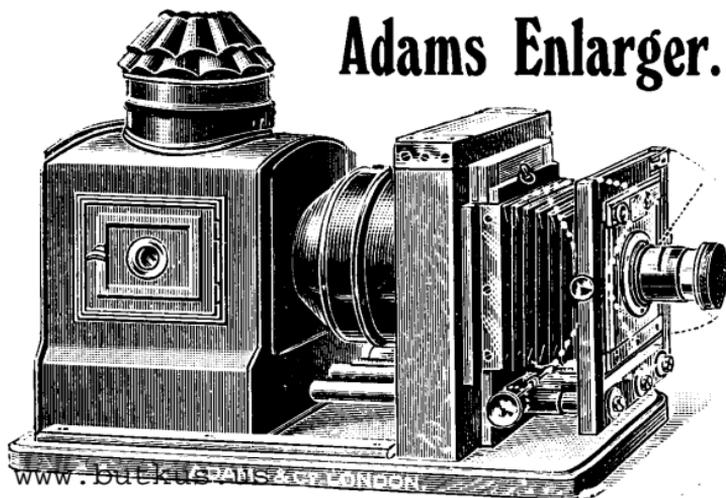
ISOCHROMATIC are made in one rapidity only, namely, the same as the **ORDINARY** Special Rapid.

<u>SPECIAL RAPID</u> OR <u>ISOCHROMATIC</u>	}	WATKINS 130.	}	<u>EXTREME</u>	}	WATKINS 250.
		WYNNES F78.		<u>RAPID</u>		WYNNES F90.

			ISOCHROMATIC OR SPECIAL RAPID.		EXTREME RAPID.		Those preferring a backed plate can obtain them at the following prices per doz. extra.
$3\frac{1}{2} \times 2\frac{1}{2}$	-	-	per doz. 1/-	-	1/4	-	3d.
$4\frac{1}{4} \times 3\frac{1}{4}$	-	-	„ 1/6	-	1/10	-	3d.
5×4	-	-	„ 2/4	-	2/10	-	4d.
$5\frac{1}{2} \times 3\frac{1}{2}$	-	-	„ 2/4	-	2/10	-	4d.
$6\frac{1}{2} \times 4\frac{3}{4}$	-	-	„ 3/4	-	4/2	-	6d.
$8\frac{1}{2} \times 6\frac{1}{2}$	-	-	„ 6/3	-	7/9	-	9d.

ANY SIZE COATED TO ORDER.

Adams Enlarger.



The Finest and most accurate Enlarging Apparatus it is possible to obtain.

Full Particulars upon application.

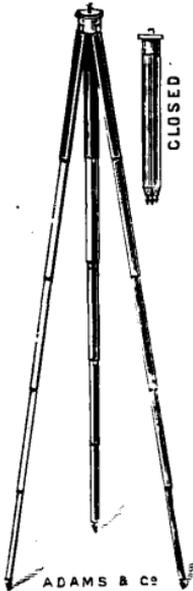
For Negatives up to		Condenser.	Prices strictly net.			
			Without Lens.		With Lens.	
$4\frac{1}{2} \times 3\frac{1}{2}$	-	$5\frac{1}{2}$ in.	-	£6 17 6	-	£8 5 0
5×4	-	$6\frac{1}{2}$ in.	-	8 8 0	-	10 0 0
$6\frac{1}{2} \times 4\frac{3}{4}$	-	$8\frac{1}{4}$ in.	-	10 10 0	-	12 17 6
$*8\frac{1}{2} \times 6\frac{1}{2}$	-	11 in.	-	21 10 0	-	25 0 0

Prices include either powerful duplex oil lamp of special construction, or complete fittings for using incandescent gas burner, or fitted complete for electric light, including NERNST lamp, or incandescent spirit lamp. If oxy-hydrogen blow-through jet is required, 10 - extra; or if acetylene generator and jet complete, 20/- extra on all sizes. Oil lamp is sent unless otherwise ordered.

*This is an unusually handsome and well built Lantern.

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Tubular metal, rigid, portable, light. Quickly erected without adjustment, Closed as quickly. Adjustable height. Regulation $\frac{1}{4}$ Whitworth screw supplied. Nos. 3, 7 and 8 are suitable for the Adams "VESTA" and "IDENTO."

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	In.	In.	Price.
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No. 2. Do. do. do.	15 $\frac{1}{2}$	47	9/6
No. 3. Strong metal do., triangular legs - -	12	49	12/6
No. 4. Aluminium do., circular legs - - -	14 $\frac{1}{2}$	50	15/6
No. 7.* Do. do., triangular lens	11 $\frac{1}{2}$	48	27/6
No. 8.* Do. do. do.	13 $\frac{1}{2}$	60	30/-

*7 and 8 are our Specialities and best quality. Aluminium protected in working parts by brass guides, giving extra strength and rigidity. They close shorter than others.

Zephyr Leather Cases, with handle 3/6 and 4/6.

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For Travellers. Will stand rough usage. Fitted with window on runners, so that white light may be obtained if desired. For plates up to $8\frac{1}{2} \times 6\frac{1}{2}$.

Size $24 \times 17 \times 5$.

Price £2 17s. 6d. net.

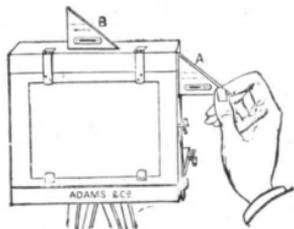
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The "Challenge" Level is seen right through, and may be placed against *side* of Camera also, or against focussing screen to see it is truly perpendicular.

Small enough for vest pocket, and is most useful for all Cameras when used upon a stand.



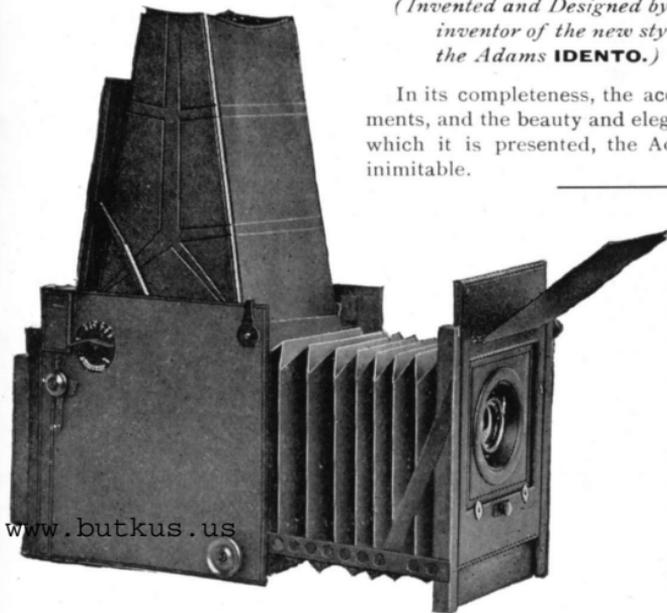
Price 2/6 each. Postage 1d.

Adams "VIDEX"

The Camera that dims all others.

*(Invented and Designed by A. L. ADAMS,
inventor of the new style Pocket Camera—
the Adams IDENTO.)*

In its completeness, the accuracy of its adjustments, and the beauty and elegance of the form in which it is presented, the Adams "VIDEX" is inimitable.



It is specially adapted for all kinds of accurate and perfect work, including Animal and Figure Studies, Portraiture, Pictorial, Press Work, also Sporting Subjects, and high-speed as well as slow-speed work, of every description.

A better Camera is beyond the art of Camera-making.

Important Notice.

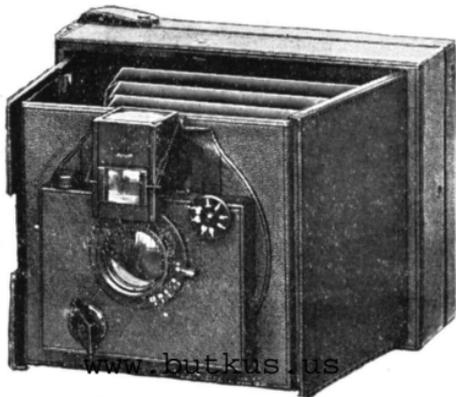
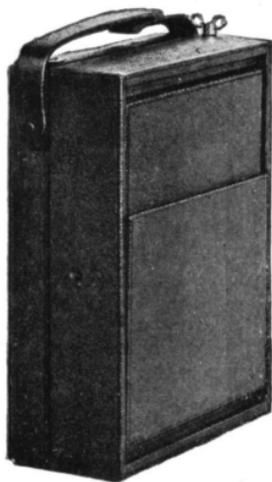
Many users of the VESTA may also desire a more complete all-round Camera. The VIDEX Reflex Camera is the best for this purpose, and is the finest of its kind.

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*Inventor of the Adams VINDEX—the Standard Reflex
Camera of the World, by universal consent.*



Important Notice.

Many users of the VINDEX may also desire a small portable Camera, for general use when walking or cycling, that can be conveniently carried in the pocket. The IDENTO has been designed for this purpose, and is the very best of its kind. The slides and all other changing systems used with the VINDEX can be used with the IDENTO. The most charmingly perfect little instrument ever designed.

The IDENTO can be supplied without any changing system, and in most cases the same lens that is fitted to the VINDEX can easily be transferred from one Camera to the other. The cost of making such special IDENTO Cameras and fitting customers' own lenses, with new sets of iris diaphragms, and focussing screen, but no changing system, as those used with the VINDEX are interchangeable (any extras can be obtained as per price list), will be:

$\frac{1}{4}$ plate - - £9.
 $\frac{5}{8}$ by 4 plate - £11.

$5\frac{1}{2}$ by $3\frac{1}{2}$ plate - £12.
 $\frac{1}{2}$ plate - - £15.

*All Prices strictly net
cash with order.*

"VESTA"

Price List.

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ALTERATION
WHEN
NECESSARY.

Prices include the complete Camera, six best quality aluminium metal single dark slides and the focussing screen, and Ross F. 6·3 Homocentric Lens, also two handsome leather cases, one for the Camera and one for the slides.

SIZE.	Cash with order.	*If ZEISS Patent Protar F 6·3 instead of Ross Homocentric extra.
$3\frac{1}{2} \times 2\frac{1}{2}$ ($6\frac{1}{2} \times 9$ c.m.) - -	£10 10 0 - -	£3 5 0
$4\frac{1}{4} \times 3\frac{1}{4}$ - - - -	12 0 0 - -	4 0 0

(*No. 1 costing £6 15s. on $3\frac{1}{2} \times 2\frac{1}{2}$; No. 4 costing £7 15s. net on $\frac{1}{4}$.)

METAL SLIDES. Best quality aluminium light weight single slides for Adams VESTA Camera.

$3\frac{1}{2} \times 2\frac{1}{2}$ - -	2/3 each, or 16/6 per set of 6 in case.
$4\frac{1}{4} \times 3\frac{1}{4}$ - -	2/6 .. 18/6

For cost of PLATES see page 13.

VESTA Daylight Loading Adapters for Premo Film Packs, $3\frac{1}{4} \times 2\frac{1}{4}$
(for $3\frac{1}{2} \times 2\frac{1}{2}$ camera), **20/-**; $4\frac{1}{4} \times 3\frac{1}{4}$, **21/-**

PREMO Daylight Loading Film Packs, per packet of 12 (for $3\frac{1}{2} \times 2\frac{1}{2}$
camera), **1/9**; $4\frac{1}{4} \times 3\frac{1}{4}$, **3/-**

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