

We claim the Adams MINEX to be the greatest advance ever made in Reflex Camera construction. Its simplicity of manipulation is astonishing.

No other camera in the world possesses the following remarkable features:

1. The Adams Revolving Back automatically masks picture upon top focussing screen. The drawback to a square screen is, that the operator may think he is taking a vertical picture, but his back may be horizontal, or vice versa. In MINEX if vertical picture is seen, revolving back must be in correct position for taking it. Error is impossible. Composing picture is much easier with mask, but fact of viewing mask and revolving back working in conjunction is of greatest practical value.

2. Adams Patent Self-Capping Focal Plane Shutter fitted. Speeds 1000th to

3 seconds, also time and bulb.
3. Three-quarters of a turn of shutter knob sets shutter also mirror! Old methods of separate movements are now superseded by our new simplified system of a single quick movement.

4. No restrictions in setting speeds with shutter. May be instantaneously set whilst shutter is in any position, and are always correctly indicated, whether

shutter is set or not.

5. Shutter and mirror released from single release, on all speeds, whether

instantaneous, time, or bulb. Never accomplished before!

- Only one movement required to change from time, bulb, or instantaneous speeds.
 Mirror does not have to be separately thrown out of action. An entirely new simplified movement.
- 7. Extra ground glass focussing screen for back of camera, also three double dark slides are all carried self-contained inside the camera.
- 8. New mirror system, entirely free from vibration.

9. Patent four-ways swing front.

10. Handle on top. More convenient for carrying and holding. Handles on side are extremely inconvenient, especially when camera is carried and hood open.

11. Magnifying Spectacle Lenses fitted inside hood. Do not have to be carried

& Co., 24 Charing Cross Road, LONDON, W.C

Telephone 4931 Gerrard. Telegraphic Address: "PYRO, LONDON."

Factories: TOTTENHAM, N.



The Adams MINEX

Needs but little introduction. For seven years the Adams VIDEX has held an unparalleled reputation, and has stood for all that was best in Reflex Instruments, and was everywhere acknowledged to be the standard Reflex Camera of the world. When first placed upon the market it revolutionized Reflex Camera construction, and was the first to start an era of improvement that has benefited the users of such instruments everywhere. The Adams MINEX, however, is a very great advance upon the VIDEX, and which it now supersedes.

New features are only introduced after actual prolonged trial, and are not put forward as improvements unless of real and practical value, and no device is adopted until it has been so thoroughly tried and tested that its utility has been amply demonstrated. Amidst the various changes that have been made, the original fundamental principles that gained, and have retained, for the Adams VIDEX its great reputation for accuracy, simplicity and reliability, have all been adhered to in the MINEX.

Although so simple, it is scientific in construction, and made throughout of the best materials, by the most skilled workmen, at our own London Factories. Every camera, before being sent out, has every part carefully tested to discover any error or weakness, in fact, everything is done to ensure the greatest possible perfection in manufacture.

Reliability, accuracy and simplicity of manipulation is a necessity, if photographic work is to be carried on with ease and success; and this is one great reason why the Adams MINEX is the best of all Reflex Cameras. No matter how perfect the mechanism of a camera is, if the workmanship is defective it will be a continual source of annoyance. The perfect and accurate construction of the Adams MINEX is, therefore, the foundation upon which its continual success may be relied upon. Accurate adjustments of parts is an absolute essential to any satisfactory Reflex Camera. Experience proves it keeps its adjustments better than any other Reflex Instrument.

Being the pioneers of the modern Reflex, we were the first to design the well-known triple focussing hood, and also the now well-known revolving back, which has been imitated by manufacturers in every country. These imitations, however, quite lack the smoothness and accuracy which has made our own of world-wide repute. The splendid rigidity of the MINEX is quite unequalled. The length of camera extension, its easy and accurate focussing, and the amount of rising front, are all points that cannot be obtained in any similar instrument.

FOR PORTRAITURE AND FIGURE STUDIES it is the most satisfactory, as not only is the best focus obtained for either sharp or soft results, but the most natural and pleasing expression or position is at once obtained, without inconvenience or boredom to the sitter, and the picture is focussed the right way up. It is the only Reflex suitable for slow exposure work, as well as high-speed work.

FOR NATURAL HISTORY SUBJECTS at close quarters, no other form of camera is of such service. The MINEX permits of the arrangement of the subject as well judging of distances.

FOR LANDSCAPE AND GENERAL WORK it is also the best, as the subject can be so easily composed from different standpoints, as to ensure the best and most artistic position.

SPORTING AND ATHLETIC WORK is easier to accomplish with the MINEX system than with any other. The advantage of seeing what is being taken reduces the taking of photographs to the limits of simplicity.

PRESS WORK. No other Reflex is so thoroughly suitable for the Press worker. It is strong, reliable, simple, quickly manipulated, and light-tight. It readily accommodates a large variety of lenses, most of which can be arranged to be instantly interchangeable. Its equipment is far in advance of any other instrument for really all-round Press work. As The British Journal of Photography says, it is "The machine par excellence for the Press photographer."

YACHTING, MOTORING, TRAVELLING, &c. The MINEX is the most complete instrument for all-round use. Always ready, and affording certainty of results.

SIZE. The MINEX is the smallest complete square form Reflex Camera, especially as it contains within itself three double dark slides. The only Reflex with a metal working in metal revolving back, and so arranged as to be removable to get at interior of camera.

	S	IZES ABO	OUT	Extension Plate to camera front,	, SHORTEST, *LONGES				
	HIGH.	WIDE.	LONG.	about	about	about			
41×31	7	$5\frac{1}{2}$	$6\frac{1}{2}$	1n. 12½	in. 4½	in. 13½			
5 ×4 0r 9×12 c.m.	$7\frac{1}{2}$	$6\frac{1}{4}$	74	1334	518	15			
$6\frac{1}{2} \times 4\frac{3}{4}$	$9\frac{1}{2}$	74	9	17	65	$18\frac{1}{2}$			

If measured to the outside of revolving back, the length is $\frac{5}{8}$ in. more,

If lens panel and cone is reversed, from plate to front of cone, all sizes about 2 in. longer, or more, according to focal length of lens fitted.

*Longer focus may also be used by having collapsible front extensions.

MIRROR SYSTEM. This is original with, and exclusive to, the Adams MINEX. It is the mirror reflecting system in its most perfect form. It reflects not only the picture obtained with a short focus lens, but also one of long focus. Its movement is practically imperceptible, and yet it rises automatically.

BELLOWS EXTENSION. A very long extension is provided, thus permitting of the use of a great variety of lenses, and a large magnification of object when a telephoto ens is used. At long extension no other Reflex possesses the rigidity of the MINEX.

FOCUSSING HOOD. Much care is taken in the fitting of this. It erects and folds itself, by means of opening and closing the lid, and fits comfortably around the forehead and eyes. Spectacle lenses are self-contained, thus avoiding a loose separate hood, also the hood is removable to enable the focussing screen to be cleaned or adjusted, and the interior of the camera cleaned. The hood will also take a top mirror for focussing at eye level or stand work.

EXTRA FOCUSSING SCREEN. An extra focussing screen for tripod work is carried inside camera. The MINEX is the only Reflex possessing this advantage.

CHANGING SYSTEMS. Nearly every changing device upon the market can be fitted, dark slides, changing boxes, daylight loading roll holders, Premo film pack adapters, also envelope plate and film changing apparatus.

FOCAL PLANE SHUTTER. The Adams MINEX Patent Self-Capping Focal Plane Shutter is the latest and most complete and perfect yet introduced. Every speed is engraved upon a dial, and it is merely necessary to place any of these peeds opposite the indicator, which is always correctly indicated whether shutter is set or not.

All speeds can be set either before or after setting the shutter, or in any other position, this being a great convenience.

Speeds are regulated mostly by width of slot only, which is instantly done from the outside. There is provided, however, two driving springs, this being a distinct advantage, both from the point of view of accuracy, and also keeping the shutter in order. All high speeds are produced by varying shutter slit, when driving high-tension spring, and all low speeds in the same manner, with low-tension spring. This is the perfect system at last.

Speeds are from $\frac{1}{1000}$ th to $\frac{1}{8}$ th of a second by means of shutter slit, and from $\frac{1}{8}$ to 3 seconds by the additional pneumatic valve. "Time" and "Bulb" are also provided for.

It is incapable of being put out of order by fair means, and is most marvellously simple. It is self capping. This we believe to be finality in Focal Plane Shutter construction.

SWING FRONT. (A. L. ADAMS SATENT) The MINEX is the only Reflex having the advantage of a FOUR WAYS Swing Front. A correspondent published the following in The British Journal of Photography:—

"Let me point out its untold value in ordinary instantaneous work, or in press photography. Naturally you always try to get a little elevation if you can (on, let us say, such an occasion as some public event in the streets), both to secure better perspective and to get above the heads of the crowd; and, given such a slight elevation, the man whose Reflex is provided with a swing front can completely eclipse the efforts of his confrère whose camera is not so fitted.

"Perhaps the weather is bad and the chief subject moving rapidly; the use of a small aperture is impossible, yet with a large stop only a portion of the picture can be got into focus. Now just tilt the lens out at the top a bit—i.e., tilted looking downwards, and instantly even at the full aperture of the lens (if the focus be not too great), say a 7 inch at F4'5, the whole field of view, from the heads of the people immediately below you to furthest infinity, comes into sharp and clear focus, and the effect, as you see it on the ground glass in the top of the camera, corresponds exactly with that on the plate.

"I would suggest a front that would not only swing vertically but horizontally as well, and certainly no press photographer could afford to be without it once the instrument is obtainable.

"These swing movements are equally useful in getting foregrounds and prominent, objects at one side of the plate into focus in landscape work, and once having learnt their full value, one can never be really happy with a camera which does not embody them."

Our new front swings the lens all four ways, and also registers the lens parallel to the plate when required. It is merely a small square panel, that is interchangeable with the small centre lens panel, and necessitates no alteration or addition to the camera itself. The extra weight is only about an ounce. To use a Swing Front, the lens must be of a little longer focus, than the shortest it is possible for a camera to take. For cost see page 271.

LENSES. A large variety of lenses may be fitted, and frequently a number of different system of adapting, as also the Adams' Swing Front system, permit of reversal, thus a good additional extension of camera is obtained without increased weight or bulk. It is an advantage to purchase the lenses listed, as they are specially mounted in the most suitable and convenient style, and enable the stop values to be seen and manipulated from the front of the camera. As we are frequently asked to advise as to which is the best all-round lens, we may say we certainly recommend the Zeiss Patent Protar F6'3, especially as its single combination is so excellent, and it thus affords the advantage of two lenses of different foci. For those not willing or able to pay the cost of this lens, the Ross Homocentric will be found exceedingly good. F4'5 lenses are extremely useful for press photographers, also for portraiture, and high speed work, but they do not permit of the use of their single combinations. As a quick acting lens of this large aperture, we can strongly recommend the Zeiss Patent Tessar, and its price is very moderate. Lenses are not cut or interfered with, therefore are at once removable for use upon other cameras or enlarging lanterns. Customers' own lenses can nearly always be fitted in their original mounts.

TELEPHOTO LENSES. The MINEX is specially suitable for Telephoto work.

RISING FRONT. This is available for both horizontal and vertical pictures, to a greater extent than other Reflex Cameras, and the effect can of course be seen upon the focusing screen and finder.

construct. No pains have been spared to make it the most accurate, durable and complete camera that our long and unrivalled experience can provide. It is of finest workmanship, carefully adjusted and tested in every part; is as reliable for all climates as it is possible to make it, brass screws being used throughout, and extension runners are of metal running in metal to ensure easy and accurate focussing. The strong double rack and pinion is of diagonal pattern, thus ensuring greatest accuracy. A most concise illustrated Booklet of working instructions supplied. Being manufactured throughout at our own London Factories, a considerable saving is effected to importers, where there is a British tariff preference. Everything outside is very neat and unobtrusive.

Price List of Adams MINEX DE LUXE.

The cameras are priced complete with three best quality double dark slides, but without lens, owing to the variety offered for selection. For cost of Lenses see below. Automatic shutter speeds from 4th to 3 seconds are included. When the listed lenses are purchased from us, not only are they mounted and fitted in a special and convenient manner, but a reduction is made in the cost of the cameras (see below). They can only be obtained through Adams & Co. The amounts allowed for dark slides, if not required, are also expected above.

quoted above.				If slides not required,	Extra Cost for Patent 4-ways
SIZE.		oR II	Order	deduct	Swing Front.
	0 0	£29	0 0	21/-	25/-
44 ^ 34	(If lis	sted lens purchas	sed deduc	t 20/-).	
$3\frac{1}{2} \times 2\frac{1}{2}$ sq. model, to order.	Prices a	s ¼ plate.			
5 ×4 or 9×12 c.m. £37	0 0	£32	0 0	27/-	25/-
3 /4 01 9/12 01	(If lis	sted lens purcha	sed deduc	t 20/-).	
$5\frac{1}{2} \times 3\frac{1}{2}$ sq. model, to order.	Prices £	4 o o extra on 4.			
61×43 - £47		£41		45/-	30/-
037.44	(It li	sted lens purcha	sed deduc	t 20/-).	СВ

IMPORTANT.—When above prices are remitted with order, we ;pay carriage and insurance to any part of the world.

Extra.—If camera is of polished teak, russia leather bellows and brass bound, 40/- net extra upon all sizes. We consider the ordinary model quite suitable for tropical climates, and do not think the above extra cost a necessity. Some may prefer it, however.

Dark Slides, Changing Boxes, Roll Holders, Film and Plate Adapters, also Cases and Tripods, see pages 279 and 280.

						LE	146	ES						
ROSS	F. 6'8	ном	DCE	NTR	IC.		41×3	1	5×4 01	9X	12 c.m.	6	$\frac{1}{2} \times 4$	34
	5 in.					4	. 0	0		- 5	_	-	1	-
	6 in.					4	10	0	4	10	0	-	1	-
	7 in.							- 300	5	10	0	-	1 5	-
	8½ in.							_			-	7	0	0
ZEIS	S PATE	NT F	RO	TAR,	F. 6	.3.								
	No. 4a.	Specia	1 51>	(ol -			3 15	0			_	-		-
	No. 7.						9 4	0	9	4	0	-		-
	No. 10.										_	11	3	0
ZEIS	S PATE	NT 1	ESS	SAR,	F. 4	.5.								
	No. 15.	6 in.				•	10	0		-	-	174.0-	-	-
	No. 15a						-	2	8	0	0	-	-	-
	No. 16.							-				10	0	0
TELE	РНОТО	NE	AT	IVE										
AT	TACHN	IENT	S.											
	For abo	ve F.	3 L	enses								_		
		cially f					4 15	0	5	_	0		100	
	Do. I	. 4'5	do.	do.	16.00	. !	5 9	0	6	5	0	•	5	0
	Dallmey			Telep	hoto		3 11	6	3	11	6		3 11	6
		s. do.												

All lens prices are strictly net. British made Zeiss Lenses are supplied with all our cameras unless those of German make are specially ordered, when extra time should be allowed for obtaining same.

SECOND-HAND DEPARTMENT

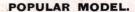
For the Sale and Exchange of High-class Apparatus.

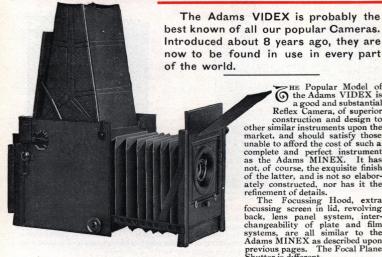
All Cameras are thoroughly examined, and may be purchased with confidence. Well-known first-class instruments taken in Exchange for our own **New** specialities.

	our own New specialities.			
	No. 7. $3\frac{1}{2} \times 2\frac{1}{2}$ Adams' VESTA, Ross Homo. f/6.3 lens, six slides, and case for	*		d.
	slides; cost £10 108. 8. 6\frac{2}{4} \times \frac{1}{3}\$ Stereo. and Panoram Adams' IDENTO, two Stereo. Ross Homo. 16.3 lenses, and extra 6\frac{3}{2}-in. Homo. 16.3 in extra shutter, three double slides;	7	10	0
	cost £37 o9. 5×4 Popular Model 1909 Adams' VIDEX, three slides and "A" twelve-plate		0	0
	changing box, Ross Homo. $f/6$, g lens; cost £24 178. 6d.; condition as new 26. $4\frac{1}{2} \times 3\frac{1}{4}$ Adams' IDENTO, Ross Homo. $f/6$, g lens and adapter for Premo film packs, eight-plate Adams' changing box, one double dark slide and leather	13	10	0
	case; cost £16 3s. 6d	10	10	0
	cost £26 6s. 6d. 53. 5×4 SANDERSON, rapid rectilinear lens, TP. shutter, 3 mahogany slides, Zeiss roll holder, extra reversing frame, leather case; cost £12	100	10	
	Zeiss roll holder, extra reversing frame, leather case; cost £12 59. 5×4 Adams VIDEX, no slides, 12 pl. changing box, 8 in. Zeiss Planar lens, f/4; cost £40 128.		15	0
	1/4; cost ±40 128.		15	
	65. Adams' s×4 VIDEX and six double dark slides, no lens; cost £24 11s. 6d. 67. Adams' Half-plate VIDEX, three double slides, film pack adapter, Voigtlander Heliar f/4.5 lens, 9½ in. focus, all in best pigskin case; cost £47 10s.		0	
	70. CARL ZEISS Complete Telephoto Lens, high power, tube No. 3, telepositive 135 mm., f/3; cost £15 15s.		10	
	80. Newman & Guardia's 1-pl. NYDIA, Ross lens, and leather case, as new; £10 82. 5×4 Adams' YALE for twelve plates, Cooke f/6.5 lens, and leather case;	6	0	0
	cost £16 18s. 6d. 86. 5×4 Adams' VIDEX, three double dark slides, 7 in. Ross Homocentric f/6.3			0
	lens, and leather case; cost £29 5s. 88. 5×4 Adams' IDENTO, Zeiss patent Protar lens, 6½ in., f/6.3, and film pack		16	
	adapter, and best pigskin leather case; cost £21 6s. 90. ½-pl. GOERZ ANSCHUTZ, Goerz 7 in. f/6 8 Dagor lens, four double dark			0
	slides, daylight loading roll holder, leather case; cost £19 18s. 92. 4-pl. Adams' IDENTO, Ross Homocentric f/6.3 lens, 3 double dark slides,		10	
	and Adams' 12 pl. changing box, best leather case; cost £17 8s. 95. 5×4 Adams' REFLEX, 6 dbl. dark slides, Adams' "Challenge" R.R. lens,	10	17	6
	extra focussing hood, best waterproof case; cost £23 is. oo. Postcard (5½×3½) Adams' IDENTO, film pack adapter, Zeiss patent Protar	7	17	6
	lens, Series VIIa. No. 7, and case; cost £21 2s. 6d. o3. 4-plate Adams' VIDEX and 3 double dark slides, Busch 6in, Omnar lens,	15	10	0
	f/5.5, best leather case, also 3 extra dbl. dark slides; cost £28 7s. 6d	16	0	0
	f/5.6 lens; cost f/35 6s. 6d	16	16	0
	cost £26 10s. 6d	12	17	6
	cost f 11 11s	8	10	0
	17. Adams' 4-pl. VIDEX and 6 dbl. slides, no lens; cost £23 2s. 6d 20. Adams 4-pl. IDENTO, Ross Homocentric f/6.3 lens, film pack adapter, and	11	15	0
	3 dbl. slides; cost £13 r8s. 23. 5×4 GOERZ-ANSCHUTZ latest pattern, practically new, 6 in. Goerz Dagor f/6.8 lens, Reicka adapter and 24 envelopes, leather case, focussing cloth, Goerz	8	17	6
	changing box. brilliant finder and level; cost £17 148. 6d	11	17	6
	f/6.8, 3 dbl. slides, Premo film adapter, Iso, screen and leather case; cost £15,75s. 28. ½-pl. Adams' VIDEX, 3 dbl. slides, patent 4-way swing front, Voigtlander's	10	10	0
	7\frac{1}{2} Heliar f/4.5 lens, leather case, extra focussing hood and front reflecting mirror; cost \(\frac{1}{23}\) 58. 6d	17	10	0
	Soi. Adams' 5×4, changing box for 12 plates, suitable for Videx, Idento, or Sanderson; cost £3 10s. 6d.	1	15	0
:	S11. Do. 1-pl., for 8 plates; cost £2 5s			6

ADAMS

DEX





HE Popular Model of the Adams VIDEX is a good and substantial Reflex Camera, of superior construction and design to other similar instruments upon the market, and should satisfy those unable to afford the cost of such a complete and perfect instrument as the Adams MINEX. It has not, of course, the exquisite finish of the latter, and is not so elaborately constructed, nor has it the

refinement of details. The Focussing Hood, extra focussing screen in lid, revolving back, lens panel system, inter-changeability of plate and film systems, are all similar to the Adams MINEX as described upon previous pages. The Focal Plane Shutter is different.

VIDEX FOCAL PLANE SHUTTER. No Reflex Camera shutter has the advantages of the VIDEX form (excepting the Adams MINEX). Outside the camera is a circular metal disc with the following speeds engraved:—1000th, 100th, indicator is visible opposite speed at which it is set for, and, most important feature of all, the speed can be altered while the shutter remains set, and without having to let it off, then alter, and then re-set. Is set with a QUICK WIND. Whilst most Reflex Instruments are designed for high speed work only, the VIDEX has been specially considered for both high and slow speed, thus making it a far more useful and all-round camera.

LENSES. All lenses as listed with the MINEX are suitable for the VIDEX.

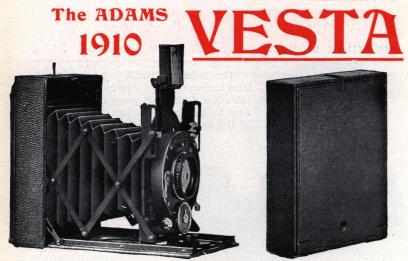
SWING FRONT. The same as described (see p. 270) and fitted to the MINEX may also be fitted to the VIDEX. The cost is 25/- extra.

CHANGING SYSTEMS. All as on page 280 may be fitted. CASES AND STANDS. Same as for MINEX. See p. 279.

PRICE LIST. Complete, with three ordinary best quality double dark slides, but without lens, owing to the variety offered for selection (see p. 277). When listed lenses are purchased from us, not only are they mounted and fitted in a special and convenient manner, but a reduction is made in the cost of the cameras (see below). The amounts allowed for dark slides, if not required, are also quoted below.

extra.
25/-
25/-

IMPORTANT.—When above prices are remitted with order, we pay carriage and insurance to any part of the world.



ABSOLUTELY THE SMALLEST AND LIGHTEST CAMERA IN THE WORLD.

'E introduce the Adams VESTA for those requiring a complete instrument of absolutely the smallest dimensions possible. Lazy tong systems have previously only permitted of a rising front one way of the plate. The VESTA permits of a horizontal and vertical rise, thus rendering it a fully practical instrument. It is the only small camera of its size capable of taking large aperture F 4'5 lenses.

SIZE. LONG $\begin{cases} 3\frac{1}{2} \times 2\frac{1}{2} (6\frac{1}{2} \times 9 \text{ c.m.}) - \frac{4\frac{3}{4}}{5\frac{3}{4}} \\ 4\frac{1}{4} \times 3\frac{1}{4} - \frac{3}{4} - \frac{3}{4} \end{cases}$ SIZE AND WEIGHT 18 ozs. with Dark Slide - Il and F 4.5 lens.

If with F 6'3 lenses, $3\frac{1}{2} \times 2\frac{1}{2}$ is about 2 ozs., and the $4\frac{1}{4} \times 3\frac{1}{4}$ 7 ozs. lighter.

LENSES. Kept in stock with Zeiss Patent Tessar F6'3 and F4'5. Other lenses to order. The $3\frac{1}{8} \times 2\frac{1}{2}$ is fitted with F6'3 lenses of $4\frac{1}{8}$ in. focus and F4'5. Other lenses to order. The $3\frac{1}{8} \times 2\frac{1}{2}$ is fitted with F6'3 lenses of $4\frac{1}{8}$ in. focus and F4'5 of $4\frac{1}{2}$ in. focus; the $4\frac{1}{8} \times 3\frac{1}{8}$ size with F6'3 of $5\frac{1}{8}$ in. focus and F4'5 of 6 in. focus. SHUTTER. Pneumatically controlled for speeds from $\frac{1}{2}$ of a second to 1 second, also time and bulb exposures. Patent Antinous Release fitting can also be supplied, at $\frac{2}{6}$ extra. The shutters fitted with F6'3 lenses have marked speeds from $\frac{1}{2}$ to f of a second. The $\frac{1}{3}$ $\frac{1}{2}$ $\frac{1}{2}$ with F4'5 from $\frac{1}{2}$ $\frac{1}{6}$ th of a second. All sizes work days to 1 second also TIMF and BILE.

work down to a second, also TIMB and BULB.

PLATES AND FILMS. Single metal dark slides are provided for plates, and a special adapter for the use of daylight loading Premo film packs. Slides and adapter are

interchangeable in the same camera without any additions.

FINDER. A large visual finder, showing the action of the rising front. It automatically places itself into position when the camera is opened, and also automatically closes and folds itself in when the camera is closed, and is the only finder offering these unique advantages.

Finder also has a vertical folding mirror so camera may be held at waist level, if preferred.

RISING FRONTS. The VESTA is the only camera of its size having a horizontal and vertical rising front, and this to the extent of a quarter of the plate each way.

OPENING AND CLOSING. Upon opening the flap or baseboard, the front slides out into its fixed position. Touch its catch, and it slides back again. The action is instantaneous.

FOCUSSING. Focusses to various distances by rack and prinon, and pulls out instantly to "infinity." Besides engraved scale, hooded ground glass focussing screen is supplied. supplied.

TRIPOD BUSHES. Two are fitted to the camera, permitting it to be used upon a tripod both horizontally and vertically. This advantage is not usually provided for upon such an instrument. For using with Zephyr tripods, see p. 270, a special Vesta tripod top is recommended for obtaining rigidity. $\frac{1}{3} \times 2\frac{1}{5}$, $\frac{1}{5}$, and $\frac{1}{4} \times 3\frac{1}{5}$, $\frac{1}{6}$, 6 each.

GENERAL CONSTRUCTION. Made mostly of strong aluminium alloy, together the strong strong aluminium alloy together.

with brass and German silver, and has leather covering and leather bellows. Is exceedingly strong and well constructed, and unusually well finished in black, and unobtrusive in use. All fittings are self-contained inside the camera, protected from dust.

ADAMS CAMERAS are equipped with every convenience and refinement that experience can suggest, and are unparalleled in any city of the world.

The ADAMS VESTA

(Designed and Patented by A. L. ADAMS.)

HE smallest, most compact, and complete pocket Camera obtainable. Has an ample rising front **both** ways of the plate. This applies to both $3\frac{1}{2} \times 2\frac{1}{2}$ and $4\frac{1}{4} \times 3\frac{1}{4}$.

ZEISS PATENT TESSAR F 4.5 AND F 6.3 LENSES.

All the excellences which, united, constitute perfection, all those rare qualities that practical workers require, and those advantages that simplicity and reliability confer—these, and more, does the **Adams VESTA** offer you!

Carry one in your pocket **EVERY DAY** and **ALL THE DAY**. You'll never find it in the way.

It is far and away the best Camera of its kind for Colonial and Tropical use, also travellers requiring a **really strong** compact instrument that may be relied upon under all circumstances.

PRICESinclude Camera, six slides and focussing screen, and Zeiss Patent Tessar F 6·3 Lens, and a leather case for the slides. If slides are not required 15/- may be deducted for the $3\frac{1}{2} \times 2\frac{1}{2}$, and 17/6 for the $\frac{1}{4}$ pl.

	List	Pric	OR	OR IF CASH WITH ORDER.			If ZEISS Patent Tessar F 4'5 instead of F 6'3, extra net.				
$3\frac{1}{2} \times 2\frac{1}{2} \ (6\frac{1}{2} \times 9 \text{ cm.})$					11	0	-	£1	15	0	
$4\frac{1}{4} \times 3\frac{1}{4}$	15	15	0 .	13	13	0	-	2	2	0	СВ

IMPORTANT.—When above prices are remitted with order, we pay postage and insurance free of cost to any part of the world.

EXTRAS.								31×2	1		11×	31
Antinous Release -	-	-	-	-	-	-	£0	2	6	£o	2	6
Extra 6 Slides, in cas	e -	-0				-	0	17	6	0	19	0
Special Metal Film Pa	ack A	dapte	r -				I	5	0	I	12	6
Pocket Case for Cam	era, s	creen	, ada	pter o	or slic	le	0	7	6	0	9	6
Tripod Top for Came	ra -		-		•	-	0	5	6	0	6	6
Best leather Case v												
Camera Screen and	l slide	s, sid	e by	side	-		0	17	6	I	0	
												CB

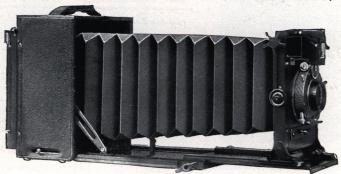
ADAMS & Co., 24 Charing Cross Road, LONDON, W.C.

Telephone 4931 Gerrard.
Telegraphic Address: "PYRO, LONDON."

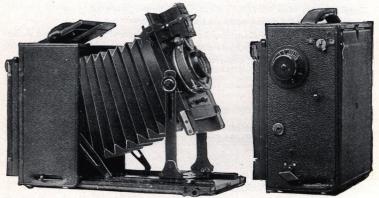
Factories: TOTTENHAM, N.

Adams VAIDO.

AN INSTRUMENT OF SUPERB CONSTRUCTION, GREAT PRECISION AND THOROUGH RELIABILITY.



MODEL A.



MODEL A.

MODEL B.

THE ADAMS VAIDO is a great advance upon Cameras of similar style. Model B is fitted with our new Patent MINEX self-capping Focal Plane Shutter, as p. 269. With this model no other shutter is necessary. Wide angle, long focus or telephoto lenses may be fitted by merely screwing upon panel. This type of instrument has previously been rendered unreliable as a hand camera, owing to the inaccurate and unsuitable position of the view finder, which does not attempt to show action of rising front. The VAIDO is fitted with the Adams patent IDENTOSCOPE.



THE ADAMS VAIDO is made in Models A and B. The only difference is that Model B is fitted with our MINEX Self Capping Focal Plane Shutter, as p. 269, and no other is required, but a front diaphragmatic shutter may be added if pre-ferred. Model "A" is for front shutters of all leading kinds.

SWING FRONT. This is shown in second illustration upon page 276.

RISING FRONT. A double rising front is provided, the first being rack and pinion from the right hand side, and gives a rise of about a quarter of the vertical plate, and still more upon the horizontal. The Adams Patent IDENTOSCOPE shows the whole of this rise. There is a still greater rise of some inches also provided, thus providing more than upon other cameras.

CHANGING SYSTEMS. Takes all kinds as p. 280.

Adams REVOLVING Back to all models.

LENSES. All kinds of lenses may be fitted, up to the normal large apertured F. 4'5 series. Those listed are strongly recommended.

FOCUSSING. Best quality hooded focussing screen supplied. Accurately engraved scales. Focusses out immediately to locking stop. Rack focussing both for wide angle and ordinary lenses.

GENERAL. The best Camera of its type it is possible to make. Being finished black it is most inconspicuous. Manufactured complete at our London Factories.

PRICES include Camera complete, and three double dark slides as page 280. If slides not required deduct as for MINEX, page 271.

Size.	Including		from Screen to Lens Board.		List Price.			Or if Cash with Order.			Extra if fitted with MINE? Focal Plane Shutter, see p. 269.		
½ pl.				13 in.	£15	0	0				4	4	0
5 or 9.12 cm.				$16\frac{1}{2}$,,									
$6\frac{1}{2} \times 4\frac{3}{4}$	94 ,,	73,,	5 ,,	21 ,,	22	0	0	18	18	0	5	15	0
* If fitted	with MI	NEX SI	hutter al	out & in.	thicker	and	1 li	. lons	rer e	xten	sion		CB

IMPORTANT.-When above prices are remitted with order, we pay carriage and insurance to any part of the world

BOS								341/102	Compound	5 by 4	
KUS	S F. 6'8	. H	OM	OCE	NTF	RIC.	41 by		Shutter.	or 9 by 12 c.m.	6½ by 4¾
	5in.			-	-	-			35/-		
	6 in.			-	-	-	4 10	0	40/-	4 10 0	
									C	ompound Shutte	er
										2 0 0	
	7 in.	-	-	-	-	-	A 1 25 CM	100	_	5 10 0	
									C	ompound Shutte	r
										2 2 0	
	$8\frac{1}{2}$ in.	-	-		-	-	S. S. Link	-	-	no Literation	7 0 0
											Compound Shutter
ZEIS	S PATE										2 14 0
	No. 4a	. Sp	ecial	51×9	1/2		8 15	0	40/-	St. St.	
	,, 7.	61 i	n. an	d III	in.		9 4	0	40/-	9 4 0	
										ompound Shutte	r
										2 0 0	
	,, IO.	8 in	. and	14 in			-		<u></u>	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 3 0
7516											Compound Shutter
ZEIS	S PATE				R, F	. 4.5					2 8 0
	No. 15	. 6 i	n.		-		6 10	0	48/-	3	THE PROPERTY OF THE PARTY OF TH
	,, 158	1. 71	in.	-	-			_		8 0 0	
									Co	mpound Shutte	r
										2 14 0	
	,, 16.	81 i	n.	-	-	-		_	_:		10 0 0
											Compound Shutter
											3 0 0
TEL	EPHOT	ON	EGA	TIV	E AT	TTAC	HME	NTS	, see page	271	СВ

ADAMS



Unsurpassable and Incomparable.



1.—The Adams "IDENTO" is made $4\frac{1}{4} \times 3\frac{1}{4}$, $5\frac{1}{4} \times 3\frac{1}{4}$ (Post Card), and $6\frac{1}{4} \times 4\frac{3}{4}$. (The $5\frac{1}{2} \times 3\frac{1}{2}$ Slides and Changing Boxes are for $5\frac{1}{2} \times 3\frac{1}{2}$, but Premo Films are $5\frac{1}{2} \times 3\frac{1}{4}$.)

2.—Shutter in lens diaphragm slot opens and closes to centre, and speeds are as accurately regulated as possible, by air in metal tube, from $7\frac{1}{10}$ th to $\frac{1}{4}$ a second, also TIME exposures, Patent Antinous release, 2/6 extra. The Adams Self-capping Focal Plane Shutter, as page 281, can also be fitted.

3.—Lens, Shutter, IDENTOSCOPE Finder, &c., are self contained. When closed every-

thing is protected from dust or damage.

- The Adams Patent IDENTOSCOPE, which always shows the true view, even when the Aising Fronts are used! The most valuable fitment ever applied to a hand Camera. Visual Finders with magnifying lenses, for holding up to line of sight, may be added, 5/6 upon first 3 sizes and 7/6 on ½ pl.

5.—Its compactness and portability are surprising. Instantly opened, instantly closed. 6.—Thoroughly strong and rigid, nothing flimsy. Mostly constructed of metal. Spirit

level for vertical and horizontal pictures.

-Best lenses fitted, namely, Ross Homocentric F 6'8 and Zeiss Patent Protar F 6'3, and small folding extra extensions can be supplied for using front single combinations.

and small tolding extra extensions can be supplied for using front single combinations. Lenses removable for cleaning, or for using upon other Cameras or Enlarging Lanterns. 8.—Any kind of changing system can be used—Flat Film or Plate Changing Boxes, Daylight Loading Roll Holder, Dark Slides, or Daylight Loading Premo Film Pack Adapter. All are interchangeable in the same Camera.

9.—A good rising front is provided horizontally and vertically, and the result of each movement is shown in the IDENTOSCOPE.

10.—Bushes provided for fitting to tripod, for horizontal and vertical pictures. Strong neat handle for carrying. Plate or film can be carried ready to give an exposure.

11.—Ground glass focussing screen. Accurately engraved focussing scale also provided, and Camera is ready focussed for "infinity" without trouble of adjusting same.

12.—Everything is of the finest and most accurate description. An examination of it at once conveys the impression of freshness and novelty—of Camera Perfection Crystallised.

Complete with Ross Homocentric F 6.8 Lens, Adams carefully regulated "IDENTO" Shutter, Patent IDENTOSCOPE; Film Pack Adapter for Premo Films handsomely covered in best morocco, with special pocket (deduct cost of this Adapter if not required, see p. 280 for any other changing systems preferred). Camera covered in best morocco, thus being Extra for Collapsible most unobtrusive.

most une				Weight,				Zeiss		Exter		
Size.	Thick.	Wide.	Long.	about.		h Pri		£4		£,0		
4½×3½ 5×4	14 in.	41 in.	58 III.	27 07	14	18	6		0		0	
$\begin{array}{c} 5 \times 4 \\ 5\frac{1}{2} \times 3\frac{1}{2} \end{array}$	18 III.	48 in.	65 in.	26.07.		15		-	0		2	-
$\frac{52}{61} \times \frac{32}{44}$	28 in.	5% in.	7½ in.	46 oz.	18	18		-	15	I	5	
2 74		OI										CB

Adams & Co.'s Cases.

FINEST QUALITY. See our name is upon them.

Cases listed for Camera and 6 Slides also take Changing Box or Roll Holder instead of the 3 extra slides.

No. 1. Best quality, thoroughly waterproof, thick collapsible canvas, chocolate colour, and adjustable web sling strap.

(IDENTO, are lighter quality and velvet lined.)

No. 3. Best quality, solid hide, black or buff, lined velvet, lock and key, and detachable adjustable best web strap. MINEX Cases have also good rounded handle.



Extended Cases have buckle straps, as shown, as well as lock. Detachable web strap is shown in front of case.

Every	quality, size, and	style of Case	e sup	plied	d.	CB	Style No. 1.	Style No. 3
MINE	x 1-pl. taking Camer	a and 3 slides					17/6	22/6
,,	§-pl. do.	do.					17/6 18/6	33/6 35/- 50/-
	1/2-pl. do.	do.	100				21/-	35/
	1-pl. taking Came	ra, 6 slides -				19.55	20/-	50/-
.,	₹-pl. do.	do				8.5	21/-	37/-
,,	½-pl. do.	do				1-01	24/-	39/-
IDEN'	TO 1-pl. for Camera	Screen and I	Film A	dante	24		6/6	55/-
.,	4 and 51 × 31-pl.	do.	do.	aupti		1000	7/6	37/- 39/- 55/- 17/6 18/6
.,	1/2-pl.	do.	do.				7/6 9/6	
	1-pl. do.	including 8 p		noin	or Bo	· -	9/6	21/-
,	$\frac{6}{4}$ and $5\frac{1}{2} \times 3\frac{1}{2}$ -pl.	do.	do.		8 DC	-	7/6 8/6	19/6
	1/2-pl.	do.	do.				10/6	23/-



Adams & Co.'s "MINEX" TRIPOD. Best 3-fold, rule joints, special brass bound, and 3 cross lay mahogany top, and fitted with two tripod bushes. Not illustrated. Very rigid and firm.

No. 1 for quarter or 4 Minex, or 1-pl. Stand Cameras - £1 3 No. 2 for 1-pl. Minex or 1-pl. Stand Cameras - 1 8 No. 3 for 12×10 or 15×12 Cameras - -

Revolving Turntable Top, instead of Fixed Top, 7/6 extra.

and quality, for 1 and 4 Hand Cameras, open 54 in.; closed, 22½ in. Price 0 12 6 3rd quality -MINEX LEATHER TRIPOD CASES, with handle, 10/6.

Adams & Co.'s "ZEPHYR" TRIPOD. Tubular metal, rigid, portable, light. Quickly erected without adjustment. Closed as quickly. Adjustable height. Regulation \(\frac{1}{2} \) Whitworth screw supplied. Nos. 3, 7 and 8 are suitable for the Adams "IDENTO."

N D		Inches.	Inches.	Price.
No. 1 Brass tubular, circular legs -	-	16	40	4/6
., 2 Do. do. do	-	151	47	9/6
., 3 Strong metal do., triangular legs		12	49	12/6
., 4 Aluminium do., circular legs	-	141	50	15/6
,, 7* Do. do. do		111	48	27/6
,, 8* Do. do. do		132	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.



Adams Changing Boxes.

Best manufacture, covered in black real morocco leather, and take 12 plates. Fitted with roller blind shutter moved from back. Plates can be covered or uncovered at will without having to change a plate. No light traps to get out of order, and no draw-out Numbers on sheaths are shutter to be troubled with. seen from outside back of box. Bags are of special quality leather, pliable and free from slightest dust, and will stand wear for many years. Plates lifted from front and placed after exposure at back. All prices complete with sheaths. Extra for aluminium light-weight sheaths, 1-plate 2/6; 1-plate 3/-; 1-plate

12 plates— $4\frac{1}{4} \times 3\frac{1}{4}$, 60/-; 5×4 , 70/6; $6\frac{1}{2} \times 4\frac{3}{4}$, 85/-. 8 plates $-4\frac{1}{4} \times 3\frac{1}{4}$, 45/-; $5\frac{1}{2} \times 3\frac{1}{2}$, 50/-; 5×4 , 55/-; $6\frac{1}{2} \times 4\frac{3}{4}$, 70/-.

"A" pattern, a cheaper quality for 12 plates. 1-plate 30/-; 1-plate 32/6; net. CB

Double Dark Slides.

		bla	Teak.		
41×31			g/-	10/6	
5 ×4			11/-	12/6	
or 9×12 $5\frac{1}{2} \times 3\frac{1}{2}$	cm.		13/-	15/6	
52 ^ 32 61 × 43			18/6	21/-	

Daylight Loading Systems.

All our Cameras (excepting VESTA, which only takes metal slides and Film Pack Adapter) will take daylight loading roll holders, or Premo film packs. The Film Pack Adapter is handsomely covered in morocco, and has a convenient pocket at the back for holding the draw-out shutter when out of use. This form can only be obtained direct from us.



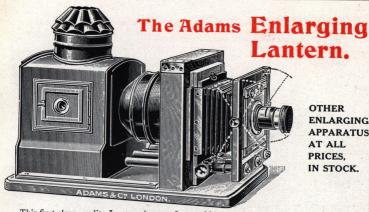
Roll Holders-1-plate, £1 15s.; 1-plate, £1 17s. 6d.; 1-plate, £2 10s. Adapters for Premo Film Packs-1-plate, 15s. 6d.; 4-plate, 18s. 6d.; 51 x31, £1 1s.; 1-plate, £1 5s.

VESTA pattern do. $-3\frac{1}{2} \times 2\frac{1}{2}$, £1 5s.; $4\frac{1}{4} \times 3\frac{1}{4}$, £1 12s. 6d. CB

FOR all classes of Work. Possess advantages in the way of latitude of exposure and density, and will stand climatic and keeping tests better than others.
Clouds may be obtained upon the same negative. Halation reduced to a minimum, and

is further reduced by having them backed.

	I	SOCHROMAT (Watkins	IC OR S	PECIA:	L RA	PID.		TREME R				Bac	king Extra.
alval		per doz.	1/-		-			1/4	-				3d.
$3\frac{1}{2} \times 2\frac{1}{2}$	15.0		1/6	30 247				1/10	-		-	-	3d.
44×34			2/4			1	1000	2/10	-		-2		4d.
5 × 4			2/4					2/10	-		10-	-	4d.
5½×3½							200	4/2			-	-	6d.
$6\frac{1}{2} \times 4\frac{3}{4}$	-	••	3/4					7/9				-	9d. CB
$8\frac{1}{2} \times 6\frac{1}{2}$			6/3					110					
										1-			



OTHER ENLARGING APPARATUS. AT ALL PRICES. IN STOCK.

This first-class quality Lantern is manufactured by ourselves, and is of the highest efficiency. The wood parts are of first quality mahogany, strongly clamped and brass bound at corners. Body is of Russian iron and copper. Also provided with spherical reflector. Condenser is best white glass and high power.

Swing front as shown. A most useful movement, enabling operator to correct any error in perpendicular lines on negative. Quick draw motion provided for extending front, also rack and pinion motion, which may also be used for fine focussing.

Rising and cross front, long extension bellows, and reversing negative holder, so enlarge-

ments can be made either way at will. By means of special carrier, negative may be adjusted to any position.

Good quality projecting lenses, with rack and pinion. Orange glass cap for exposing.

or Negatives up to	Condenser.	Without Lens.	With Lens.			
41×31	5½ in.	£6 17 6	£8 5 0			
5 × 4 6½×4¾	6½ in. 8½ in.	£8 8 0 £10 10 0	£10 0 0 £12 17 6			
$*8\frac{1}{2} \times 6\frac{1}{2}$	11 in.	£21 10 0	£25 0 0 CE			

If best Lens is required, the Zeiss Patent Tessar F 4'5 is recommended. For prices see p. 271. Prices include powerful duplex oil lamp or fittings for incandescent gas burner, or fitted for electric light, or incandescent spirit lamp. Oxyhydrogen blow-through jet, 10/extra; acetylene generator and jet complete, 20/extra on all sizes. Oil lamp sent unless other-

wise ordered.

*This is an unusually handsome and well built Lantern.



Fo

"ADAMS"

Self-Capping Focal Plane Shutter.

Can be altered to any speed, after settting. In stock for Sanderson and "IDENTO" Cameras, for others reversing back and dark slide should be sent.

Speeds from 1000th to 150th of a second, and aperture can be fully opened for focussing.

Is primarily intended for Cameras having a front lens

shutter, thus range of speed is ample for all purposes. About one inch thick. Is simple and reliable in its mechanism, and blind material is of strong tropical quality.

Speeds obtained **solely** by width of shutter aperture.
Price complete, for*Regular Sanderson or "IDENTO" Cameras (for others a small extra charge for fitting may be necessary):-

 $4\frac{1}{4} \times 3\frac{1}{4}$, 60/-; 5×4 , 65/-; $5\frac{1}{2} \times 3\frac{1}{2}$, 70/- $6\frac{1}{2} \times 4\frac{3}{4}$, 75/- net.

* For Tropical Sanderson 7/6 extra, all sizes.

" shows 2 views, horizontal and vertical. either horizontal or vertical.

"B.B."	one view, en	ner norizonta	1 01 4	ei ticai.	16	14 19
Size. No. 1 , 2 , 2 In Alumin , 3 , 3 In Alumin		Size of View seen. $\begin{array}{ccc} & \frac{5}{8} \times \frac{18}{18} \\ & \frac{15}{16} \times \frac{3}{4} \end{array}$ $\begin{array}{cccc} & 1\frac{1}{4} \times \frac{14}{16} \end{array}$	A.B. 10/6 13/6 15/6 17/6	7/6 each 12/, 14/,	Postage 2d.	

No other Finder can possibly show the amount given by a 5 in. on a 1 plate, 6 in. on a 1, and so on. They only show about two-thirds of the proper view, and are most misleading. The Adams is fitted to all best quality Sanderson Cameras.





aza' Find

The best low-priced Finder obtainable.

A modification of the famous "ADAMS." Revolving Wheel gives horizontal or vertical view. 5/- each. Postage 1d. cc**

ADAMS & CO.'S

For travellers. Will stand rough usage. Fitted with window on runners, so that white light may be obtained if desired. For plates up to 8½ by 6½. Size, 24 by 17 by 5.

ADAMS & CO.'S

Price £3 3s. Od. net. Strong Tripod for same £1 7s. 6d. net. CB

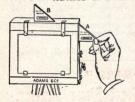
Challenge'

The only practical Level. When ordinary Level is placed on top of Camera, it cannot be seen, being too high.

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

grants sate of the same of the when used upon a stand.

cc** Price 2/6 each, Postage 1d.



Same Meter answers for a large variety of Lenses

Gives same angle as Lens in use.

The exact view that would be on the plate from the position of the Also enables operator to tell at a glance the best angle lens to use in order to obtain most artistic rendering of his subject, and spot where necessary to place Camera in order to embrace particular subject on

plate. Made in Aluminium, Price 12/6. Postage 2d.





Adams & Co., 24 Charing Cross Road, LONDON, W.C.