

THE ADAMS PATENT MINEX

MODEL "A."

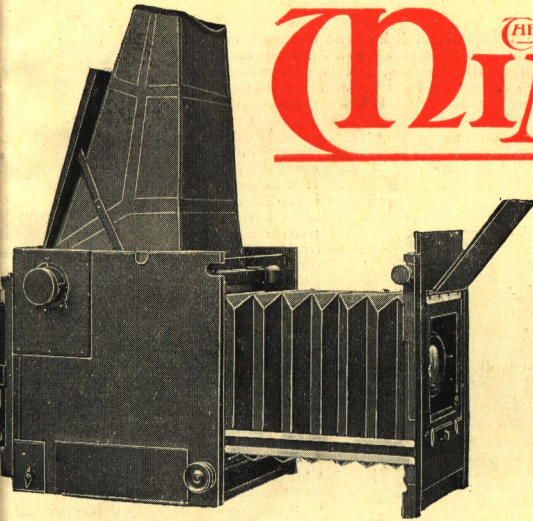


Fig. 1.—Model "A," opened and extended, partly showing Rising Front, Sky Shade, and 4-way Swing Front.

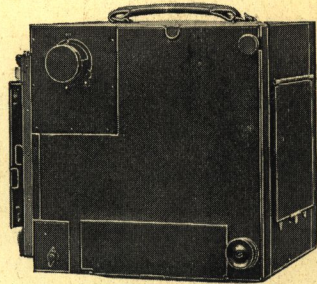


Fig. 2.—Model "A," closed and showing Right hand and Front. Dark Slide Chamber at bottom. Note extremely neat appearance.

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 all the following remarkable features :

1. Adams Revolving Back **automatically** masks picture on top focussing screen. Drawback to square screen is, operator may think he is taking vertical picture, but back may be horizontal, or vice versa. In MINEX if vertical picture is seen, revolving back **must** be correct for taking it. Error **impossible**. Composing picture much easier with mask, but fact of viewing mask and revolving back working in conjunction is of greatest practical value. Patent.
2. Adams Patent MINEX **Self-Capping Focal Plane Shutter** fitted. Speeds $\frac{1}{1000}$ th to 3 seconds, also time and bulb. Simplest and most reliable obtainable.
3. On "A" Model, three-quarters of a turn of shutter knob sets shutter, also **mirror!** Only camera so made. "B" Model has two movements.
4. No restrictions in setting shutter speeds. Instantaneously set in **any** position, and **always** correctly indicated, whether shutter is set or not.
5. Shutter and mirror released from **single** release, on **all** speeds, and all models, whether instantaneous, time, or bulb. Never accomplished before!
6. Only **one** movement to change from time, bulb, or instantaneous speeds. Mirror does **not** have to be thrown out of action. Entirely new simplified movement.
7. Extra focussing screen for **back** of camera, also 3 double dark slides are all carried self-contained **inside** the camera (except $3\frac{1}{2} \times 2\frac{1}{2}$ and stereo). Extremely convenient and not provided in **any** other make of Reflex. "A" Model only.
8. New mirror system, **entirely** free from vibration. Whenever picture is seen shutter is set; error impossible.
9. Adams Patent 4-ways swing front fitted as quoted. **Only** Reflex so fitted.
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. Spectacles or Magnifiers **inside** hood. Do **not** have to be carried separately.
12. Brass screws throughout, also gilded and lacquered springs. Even mirror is adjustable for rapidity of movement. Everything of the **very best**.

ADAMS & Co.,
Factories:—**TOTTENHAM, N.**
24, CHARING * ROAD, LONDON, W.C.

Telegraphic Address: "PYRO, WESTRAND, LONDON."

Telephone 4931 Gerrard.

Issued Dec., 1912. Prices and minor details of all goods may be subject to fluctuation without notice.

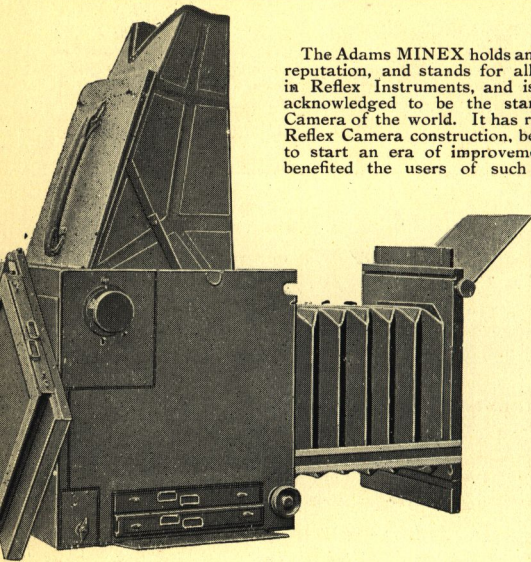


Fig. 3.—Model "A" fully extended, showing Revolving Back with double dark slide in. Other two in bottom of Camera.

The Adams MINEX holds an unparalleled reputation, and stands for all that is best in Reflex Instruments, and is everywhere acknowledged to be the standard Reflex Camera of the world. It has revolutionized Reflex Camera construction, being the first to start an era of improvement that has benefited the users of such instruments

everywhere. It was only introduced after actual prolonged trial, and was not put forward until its improvements were proved of real and practical value, and no device was adopted until it had been so thoroughly tried and tested that its utility had been amply demonstrated.

Reliability, accuracy and simplicity of manipulation are 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 adjustment of parts is an absolute essential to any satisfactory Reflex. Experience proves it keeps its adjustments far better than any other Reflex Instrument.

Being the pioneers of the modern Reflex, we were the first to design the 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. Length of camera extension, easy and accurate focussing, and amount of rising front, are all points unobtainable in similar instruments.

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 expression is at once obtained, without inconvenience or boredom to the sitter, and picture is focussed right way up. It is the **only** Reflex suitable for slow exposure as well as high-speed work, it ranging from $\frac{1}{1000}$ th to 3 seconds also **time and bulb** exposure.

FOR NATURAL HISTORY SUBJECTS at close quarters, **no other** form of camera is of such service. It permits of the arrangement of subject as well as focussing right up to **moment of exposure**, thus there is no doubtful judging of distances.

FOR LANDSCAPE AND GENERAL WORK it is also best, as subject is so easily composed from different standpoints, thus ensuring 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, and all is so rapidly accomplished.

PRESS WORK. Accommodates many lenses, instantly interchangeable. *British Journal of Photography* says: "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.

MIRROR SYSTEM, Original with, and exclusive to, Adams MINEX. Mirror reflecting system in most perfect form. Reflects not only picture with short focus lens, but also one of long focus. Mirror is special glass and finest surface silvered.

Mirror and shutter setting in one movement is patented. Mirrors that set by their own weight only, and have to be raised by hand, should be avoided, being very unsatisfactory.

SIZES. Smallest complete Reflex.

| "A" MODEL. | †B Model about 1 in. less. | | | †Extension, Plate to camera front. in. | LENSES usable, measured from back of lens mount to plate. | |
|--|----------------------------|----------------|----------------|---|---|-----------------------|
| | HIGH. | WIDE. | LONG. | | SHORTEST, about in. | LONGEST, about in. |
| $3\frac{1}{2} \times 2\frac{1}{2}$ or $6\frac{1}{2} \times 9$ c.m. | $5\frac{3}{4}$ | $4\frac{1}{2}$ | $5\frac{3}{4}$ | 10 | 4 | 10 |
| $4\frac{1}{2} \times 3\frac{1}{2}$ - - - | 7 | $5\frac{1}{2}$ | $6\frac{1}{2}$ | $12\frac{1}{2}$ | $4\frac{1}{2}$ | $13\frac{1}{2}$ |
| 5×4 or 9×12 c.m. | $7\frac{1}{2}$ | $6\frac{1}{2}$ | $7\frac{1}{2}$ | $13\frac{3}{4}$ | $5\frac{1}{2}$ | 15 |
| $5\frac{1}{2} \times 3\frac{1}{2}$ square - | 8 | $6\frac{3}{4}$ | $8\frac{1}{4}$ | $14\frac{1}{2}$ | $5\frac{1}{2}$ | $16\frac{1}{4}$ |
| $6\frac{1}{2} \times 4\frac{1}{2}$ - - - | $9\frac{1}{2}$ | $7\frac{3}{4}$ | 9 | 17 | $6\frac{3}{8}$ | $18\frac{3}{8}$ |
| $6\frac{1}{2} \times 3\frac{1}{2}$ and Stereo | $5\frac{3}{4}$ | $5\frac{3}{4}$ | $8\frac{1}{4}$ | 10 | 5 | $9\frac{1}{2}$ |

If measured to outside of revolving back, length is $\frac{1}{8}$ in. more, but only $\frac{1}{8}$ on $3\frac{1}{2} \times 2\frac{1}{2}$.
If lens is reversed all sizes permit of about 3 in. longer extension.

BELLOWS EXTENSION. Very long, permitting variety of lenses, and large telephoto magnification. At long extension **no** other Reflex possesses the rigidity of the MINEX.

FOCUSsing HOOD erects and folds itself by opening and closing lid, fits comfortably around eyes. Spectacles self-contained, thus avoiding loose separate hood. Hood is removable to enable focussing screen or interior to be cleaned or adjusted. As with some other cameras hood will take a top mirror for focussing at eye level or stand work, but is not considered of much value.

EXTRA FOCUSsing SCREEN. For tripod work carried **inside** camera on "A" Model (except on $3\frac{1}{2} \times 2\frac{1}{2}$ and stereo.). MINEX is only Reflex with this advantage.

CHANGING SYSTEMS. Most changing devices can be fitted, slides, changing boxes, roll holders, Premo film pack adapters, &c. For prices see page 303.

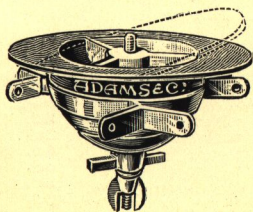
ADAMS MINEX SELF-CAPPING FOCAL PLANE SHUTTER. See page 288.

ADAMS PATENT FOUR-WAYS SWING FRONT. (A. L. ADAMS' PATENT.)

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 suggest a front not only swinging 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 front swings lens all four ways, and registers lens parallel to plate. Is merely a small square detachable panel, and necessitates **no** alteration or addition to camera. Extra weight only about an ounce.

RISING FRONT. Available for horizontal *and* vertical pictures, to a greater extent than other Reflex Cameras. Effect is seen upon the focussing screen.



THE ADAMS BALL & SOCKET TRIPOD TOP

This is beautifully made in Aluminium and Silvered Gun Metal. The adjustment is perfect.

Complete with Camera Screw - - **35/- net.**

Suitable Tripods, see page 304.

CB

LENSES Many may be fitted, interchangeable in same flange. MINEX cone, as also Adams' Swing Front, permit of reversal, thus additional extension is obtained without extra weight or bulk. Lenses listed are specially mounted, enabling stop values to be seen and altered from front. We consider Zeiss Protar F6'3 the best all-round lens, especially as single combination is so excellent, it affording advantage of two lenses of different foci. For cheaper lens, Ross Compound Homocentric is recommended. F4'5 lenses are useful for presswork, portraiture and high speed work. For F4'5 lens we recommend Zeiss Tessar. Lenses are not cut or interfered with, and are removable for use upon other cameras or enlarging lanterns. Customers' own lenses can generally be fitted in their original mounts.

TELEPHOTO. The MINEX is specially built to be suitable for Telephoto work.

CONSTRUCTION. MINEX is finest Reflex Instrument it is possible to construct; is the most accurate, durable and complete camera our long and unrivalled experience can provide; finest workmanship, carefully adjusted and tested in every part; is as reliable for all climates as it is possible to make it. Brass screws throughout; extension runners metal running in metal to ensure easy and accurate focussing. Springs coppered, lacquered, and gilded to prevent rust. Strong double rack and pinion of diagonal pattern, thus ensuring greatest accuracy. 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.

TROPICAL MODEL

Finest piece of scientific cabinet work ever manufactured, as well as most substantial and reliable. Brass revolving back and brass screws throughout, coppered, lacquered, and gilded springs, polished teak and fully brass bound, with Russia leather bellows and focussing hood.

Whilst ordinary model is specially designed for use in all parts of the world, advantage of Tropical is that it is extra strongly made, and brass bound in all parts. All knobs, &c., are of strong brass. Illustration, as well as those on other pages are from actual photographs, to avoid deception frequently conveyed by engraved blocks. Extra charge for this model is most moderate, being little more than that charged for some instruments of much inferior workmanship.

Tropical Air-tight Cases recommended, see p. 304.

THE ADAMS VIDEX PLATES

THE best for latitude of exposure and density; also best for standing climatic and keeping tests.

Clouds may be obtained upon same negative. Halation reduced to a minimum, and is further reduced by being backed.

| | ISOCHROMATIC OR SPECIAL RAPID. (Watkins 130. Wynne F78.) | EXTREME RAPID. (Watkins 250. Wynne F90.) | CB Backing. |
|------------------------------------|--|--|----------------|
| $3\frac{1}{2} \times 2\frac{1}{2}$ | - - - 1/- | - - - 1/4 | 3d. |
| $4\frac{1}{2} \times 3\frac{1}{2}$ | - - - 1/6 | - - - 1/10 | 3d. |
| 5×4 | - - - 2/4 | - - - 2/10 | 4d. |
| $5\frac{1}{2} \times 3\frac{3}{4}$ | - - - 2/4 | - - - 2/10 | 4d. |
| $6\frac{1}{2} \times 4\frac{1}{2}$ | - - - 3/4 | - - - 4/2 | 6d. |
| $8\frac{1}{2} \times 6\frac{1}{2}$ | - - - 6/3 | - - - 7/9 | 9d. |

PRICE LIST

Of "A" Model.

are purchased from us, not only are they mounted and fitted in a special and convenient manner, but the cameras are 25/- cheaper (see below). They can **only** be obtained through Adams & Co.

LIGHT FILTERS AND LENS CASES, see p. 300.

"A" MODEL.

| SIZE. | OR IF CASH with Order | If slides not required, deduct | † Extra Cost for Patent 4-ways Swing Front. | If BEST quality Polished TEAK, fully brass bound extra, net. |
|--|-----------------------|--------------------------------|---|--|
| * $3\frac{1}{2} \times 2\frac{1}{2}$ or $6\frac{1}{2} \times 9$ c.m. | £34 0 0 | £29 0 0 | 15/- | 160/- |
| $4\frac{1}{2} \times 3\frac{1}{2}$ - - - | £34 0 0 | £29 0 0 | 21/- | 165/- |
| 5×4 or 9×12 c.m. - | £37 0 0 | £32 0 0 | 27/- | 185/- |
| $5\frac{1}{2} \times 3\frac{1}{2}$ sq. (post card) | £41 0 0 | £36 0 0 | 30/- | 195/- |
| $6\frac{1}{2} \times 4\frac{3}{4}$ - - - | £47 0 0 | £41 0 0 | 45/- | 210/- |
| ** $6\frac{3}{4} \times 3\frac{1}{4}$ Stereoscopic or Panoram | £42 0 0 | £36 0 0 | 40/- | — |

(It listed lens is not purchased add 25/- to all Camera prices). CB

* The $3\frac{1}{2} \times 2\frac{1}{2}$ size takes single metal slides and VESTA Film Pack Adapter (see page 291) only, unless specially ordered otherwise.

** The Stereoscopic is made without revolving back and dark slide chamber.

† If for other lenses than those listed below, 7/6 extra on all sizes. If polished teak and brass bound, 10/- extra on all sizes.

Dark Slides, Changing Systems, Cases, Tripods, &c., see pages 303 and 304.

LENSES

Following are recommended, but any suitable may be fitted.

ROSS F 6.8 COMPOUND HOMOCENTRIC.

| | Stereo or $3\frac{1}{2} \times 2\frac{1}{2}$ | $4\frac{1}{2} \times 3\frac{1}{2}$ | 5×4 or 9×12 c.m. | $6\frac{1}{2} \times 4\frac{3}{4}$ |
|----------------------------|--|------------------------------------|------------------------------------|------------------------------------|
| 5 in. - - - - | 4 0 0 | — | — | — |
| 6 in. - - - - | 4 10 0 | 4 10 0 | 4 10 0 | — |
| 7 in. - - - - | — | 5 10 0 | 5 10 0 | — |
| $8\frac{1}{2}$ in. - - - - | — | 7 0 0 | 7 0 0 | c 7 0 0 |

ZEISS PROTAR, F 6.3 (2 foci).

| | | | | |
|--|--------|--------|--------|----------|
| No. 4a. Special $5\frac{1}{2} \times 9\frac{1}{2}$ in. - | 8 15 0 | 8 15 0 | — | — |
| No. 7. $6\frac{1}{2}$ in. and $11\frac{1}{2}$ in. - | — | 9 4 0 | 9 4 0 | — |
| No. 10. 8 in. and 14 in. - | — | — | 11 3 0 | c 11 3 0 |

ZEISS PATENT TESSAR, F 4.5.

| | | | | |
|------------------------------------|--------|---------|----------|----------|
| No. 13. $4\frac{1}{2}$ in. - - - | 5 0 0 | — | — | — |
| No. 14. $5\frac{1}{4}$ in. - - - | 5 13 0 | — | — | — |
| No. 15. 6 in. - - - - | 6 10 0 | 6 10 0 | — | — |
| No. 15a. $7\frac{1}{16}$ in. - - - | — | a 8 0 0 | 8 0 0 | — |
| No. 16. $8\frac{1}{4}$ in. - - - | — | — | b 10 0 0 | c 10 0 0 |

a Price of telephoto see column No. 3 below. b Price of telephoto see column No. 4 below.

c Longer focus lenses may also be fitted.

TELEPHOTO LENSES.

| | | | | |
|--|--------|--------|--------|--------|
| 3 in. Negative Lens on F. 6.3 Lenses, specially fitted - | 6 10 0 | 6 10 0 | 6 10 0 | 6 10 0 |
| 3 in. do. on F 4.5 do. - | 6 15 0 | 6 15 0 | 6 15 0 | 7 0 0 |

| * ROSS' TELECENTRIC, F 5.4 and F 6.8. | 11 in., F5.4, F6.8, | 13 in., F5.4, F6.8, | 17 in., F5.4, F6.8, | | | | |
|---------------------------------------|---------------------|---------------------|---------------------|---------|---------|---------|---------|
| | 8 5 0 | 9 15 0 | 12 15 0 | 9 15 0 | 9 15 0 | 9 15 0 | 9 15 0 |
| | 6 0 0 | 7 0 0 | 9 0 0 | 7 0 0 | 7 0 0 | 7 0 0 | 7 0 0 |
| | — | 12 15 0 | 12 15 0 | 12 15 0 | 12 15 0 | 12 15 0 | 12 15 0 |
| | — | 9 0 0 | 9 0 0 | 9 0 0 | 9 0 0 | 9 0 0 | 9 0 0 |

| * BUSCH BIS-TELAR, F 7. | No. 2. $10\frac{3}{8}$ focus | No. 2½. $13\frac{1}{8}$ do. | No. 3. 16 do. | No. 4. 22 do. | | | |
|-------------------------|------------------------------|-----------------------------|---------------|---------------|--------|--------|--------|
| | 3 0 0 | 4 5 0 | 5 0 0 | 10 0 0 | 3 0 0 | 4 5 0 | — |
| | — | 4 5 0 | 5 0 0 | 10 0 0 | 4 5 0 | 5 0 0 | 5 0 0 |
| | — | — | — | — | 10 0 0 | 10 0 0 | 10 0 0 |

*Special separate Lens Panels are recommended, 7/6 each.

All lens prices are strictly net. British made Zeiss Lenses are supplied with all our cameras, as Colonial clients thus obtain British Preferential Tariff. If those of German make are specially required, extra time should be allowed for obtaining same. CB

THE ADAMS PATENT MINEX

MODEL B.



HAVING had a few enquiries for a lower priced Reflex of same quality and reliability as Model A, we introduce Model B to meet this expressed want. In all general respects it is same as Model A. By leaving out Patent Automatic Masking Device, internal Dark Slide Chamber, Patent Simultaneous Mirror and Shutter Setting, German Silver Revolving Back (a less expensive system is fitted), and Automatic Slow Speed Attachment (can be fitted at extra cost of 30/-) make it simpler from a constructional point of view, and so permits of reduction in cost. General features (except those above) see pp. 283 to 287.

SIZES—MIRROR SYSTEM. See pages 284, 285.

BELLOWS EXTENSION. About 1 in. less than Model A MINEX, see page 285.

FOCUSING HOOD. See p. 285. Spectacle Lenses can be had, 12/6 net, extra.

CHANGING SYSTEMS. All as Model A MINEX. See page 303.

ADAMS MINEX Self-Capping FOCAL PLANE SHUTTER. As Model A, see below, but speeds are $\frac{1}{100}$ th (faster than many $\frac{1}{100}$ th claimed with many others) to about $\frac{1}{4}$ th. Speeds from $\frac{1}{100}$ th to about $\frac{1}{4}$ th can be arranged for without extra cost, if preferred. Automatic slow exposures to 3 seconds can be provided for 30/- extra.

ADAMS PATENT 4-WAYS SWING FRONT. As Model A MINEX, page 285.

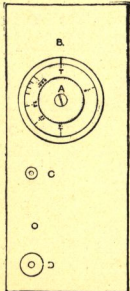
RISING FRONT—CONSTRUCTION. Same as Model A MINEX, page 286.

PRICE LIST.

Including 3 slides. SIZE. (Other sizes to order.)

| Lenses, etc., as | $\left\{ \begin{array}{l} 4\frac{1}{2} \times 3\frac{1}{4} \dots \dots \dots \\ 5 \times 4 \text{ or } 9 \times 12 \text{ c.m.} \dots \dots \end{array} \right.$ | £25 10 0 | £21 10 0 | 21/- | | | |
|------------------|--|----------|----------|------|--|--|--|
| Model A, p. 287. | | £30 10 0 | £25 10 0 | 27/- | | | |

If listed lens is **not** purchased, add 20/- to above prices.



MINEX SELF-CAPPING FOCAL PLANE SHUTTER.

SELF-CAPPING, and all speeds set with half a turn of setting knob. Merely place speed required opposite indicator and it is correctly indicated whether set or not. Speeds set before or after setting, and regulated mostly by width of slot only, instantly from outside. Two springs provided, high tension for high speeds, low for slow speeds. One turn changes from one to other. This is perfect system, as high speeds with narrow slits should travel over whole of plate rapidly, to reduce distortion, whilst slow speeds with wide slits should travel smoothly.

Speeds set faster or slower at any time. Other Self-Capping Shutters are not so, as if shutter is set and it is desired to set for higher speed it cannot be done, unless plate is covered, shutter released, wound up again, and set for desired speed, then plate uncovered again to make exposure. If set wrongly, same tedious procedure must be again gone through. None of this trouble necessary with MINEX Shutter.

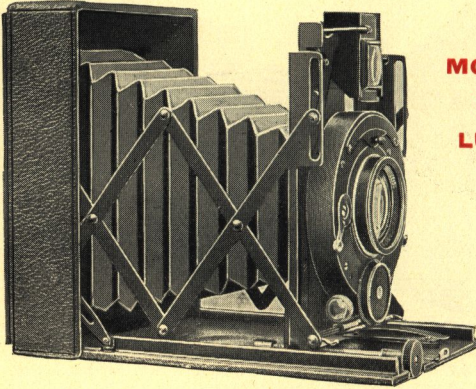
Speeds from $\frac{1}{100}$ th ($\frac{1}{200}$ th on Model B Minex) to $\frac{1}{4}$ th of second by shutter slit, and $\frac{1}{2}$ to 3 seconds by the pneumatic valve. "Time" and "Bulb" also.

WORKING INSTRUCTIONS. To set, give knob A half turn. To set to a speed, pull out A and place speed required opposite B. C is for pneumatic ball and tube. One turn of D sets to high or low tension. (MINEX B has only one spring.)

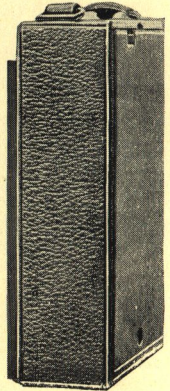


THE ADAMS PATENT MODEL DE LUXE VESTA PATENT

Fitted with the Adams IDENTOSCOPE.



MODEL
DE
LUXE.



THE SMALLEST, LIGHTEST, AND MOST PERFECT FOLDING CAMERA IN THE WORLD.

THE Adams VESTA is 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. VESTA permits of horizontal and vertical rise, **without** straining trellis bars, thus rendering it a **fully** practical instrument, and as such is the only small camera of its size capable of taking large aperture F 4.5 lenses.

APPROXIMATE SIZE AND WEIGHT complete with Dark Slide.

| SIZE. | LONG. | WIDE. | THICK. | WEIGHT. |
|--|------------------|------------------|------------------|-----------|
| $3\frac{1}{2} \times 2\frac{1}{2}$ ($6\frac{1}{2} \times 9$ c.m.) | - $4\frac{3}{4}$ | - $3\frac{3}{4}$ | - $1\frac{1}{4}$ | - 20 ozs. |
| $4\frac{1}{2} \times 3\frac{1}{2}$ | - $5\frac{3}{4}$ | - $4\frac{3}{4}$ | - $1\frac{1}{2}$ | - 28 " |
| $5\frac{1}{2} \times 3\frac{1}{2}$ Stereo. | - $6\frac{3}{4}$ | - $4\frac{1}{2}$ | - $1\frac{1}{2}$ | - 32 " |

If with F 6.3 lenses, $3\frac{1}{2} \times 2\frac{1}{2}$ is about 2 ozs., and the $4\frac{1}{2} \times 3\frac{1}{2}$ 7 ozs. **lighter**.

LENSES. Zeiss Patent Tessar F 6.3 or F 4.5. Others to order. The $3\frac{1}{2} \times 2\frac{1}{2}$ is fitted with Lenses of $4\frac{1}{2}$ in. focus; the $4\frac{1}{2} \times 3\frac{1}{2}$ size with F 4.5 of $5\frac{1}{2}$ or 6 in. focus (6 in. 20/- extra), and the Stereo with F 6.3 Tessar, these are recommended in preference to F 4.5, but the latter can be fitted at 40/- net extra. A collapsible lens hood is strongly recommended, see page 300.

SHUTTER. Pneumatically controlled for speeds from $\frac{1}{100}$ th to 1 second, also time and bulb. Antinous Release can also be supplied, 2/6 extra. Shutters fitted on $3\frac{1}{2} \times 2\frac{1}{2}$ with F 4.5 Lenses, from $\frac{1}{100}$ th, and $4\frac{1}{2} \times 3\frac{1}{2}$ from $\frac{1}{100}$ th of a second. Stereoscopic from $\frac{1}{200}$ th of a second. All sizes work to 1 second, also TIME and BULB.

The shutter opens **immediately** from the centre to its full aperture, and closes in like manner. It is the **only** camera of its kind having a **fully efficient** shutter. On many speeds it is as much as **five times** more efficient than shutters generally fitted to such a type of instrument. The VESTA gives the **fullest** advantage to the lens aperture. It lets as much light through when using F 6.3 as less efficient shutters do at F 4.5, with the advantage of extra depth and better covering power. It is useless to go to the extra cost of an F 4.5 lens if its large aperture cannot be **fully** taken advantage of, neither is anything gained by using F 4.5 when the same exposure can be obtained by F 6.3. The VESTA thus permits of F 4.5 being used, when upon less efficient shutters an exposure could not be given at all. We believe its marked speeds to be sufficiently accurate for general work, but we can supply, by special arrangement, compound shutters with speeds **engraved** at Kew, **including** their Certificate, for 7/6 extra, net. Whatever such speeds are, will be **instead** of speeds advertised by makers.

PLATES AND FILMS. Single dark slides of special light metal 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, and most important of all, they are of the **same** register, thus two separate focussing scales, and two separate focussing screens, that cause so much confusion and out-of-focus pictures, are not required.

FINDER. The Adams IDENTOSCOPE is now fitted, this being the most perfect addition it is possible to adopt. See page 305. Particular attention is drawn to this.

The cheaper system of concave finder at eye level is now done away with in our best models. Brilliant visual finders can, however, be fitted in addition, at a cost of 5/- extra.

LEVEL. For both horizontal and vertical pictures.

RIISING FRONTS. The VESTA is the **only** $3\frac{1}{2} \times 2\frac{1}{2}$ camera of its kind having a horizontal and vertical rising front, and this to the extent of a quarter of the plate **each** way. A smooth parallel motion is obtained without the straining of any parts.

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

FOCUSsing. To about **one** yard, pulling out instantly to "infinity," or other distance required. Engraved scale and hooded focussing screen supplied. An important improved focussing system is fitted. In pulling lens forward into its infinity catch, where lever or similar systems are adopted, the focussing frequently slips, and great care has to be used in drawing out to prevent this and to avoid out-of-focus negatives. In the VESTA it does not matter **how hard or forcibly** lens is pulled out, it is **impossible** to accidentally shift the focussing adjustment, consequently camera can be opened more quickly and no error in focussing can take place. This new Adams focussing system is quite new and unique.

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. 304, a special Vesta tripod top is recommended for obtaining rigidity. $3\frac{1}{2} \times 2\frac{1}{2}$, 4/6, and $4\frac{1}{4} \times 3\frac{1}{4}$, 5/- each.

GENERAL CONSTRUCTION. Mostly strong aluminium alloy, with brass and German silver, leather covering and leather bellows. Exceedingly strong, well constructed, and unusually well finished. All fittings self-contained inside camera, protected from dust.

Far and away best camera of its kind for Colonial and Tropical use, also travellers requiring a **really strong**, compact, and reliable instrument.

PRICES include camera, 6 special best quality slides, hooded focussing screen, best Compound shutter, Adams Identoscope, Zeiss Patent Tessar F4.5 Lens, and a leather case for the slides. If slides not required, deduct 15/- for the $3\frac{1}{2} \times 2\frac{1}{2}$, and 17/6 for $\frac{1}{4}$ pl.

| | List Price. | OR IF CASH | WITH ORDER. | |
|--|-------------|------------|-------------|----|
| $3\frac{1}{2} \times 2\frac{1}{2}$ ($6\frac{1}{2} \times 9$ cm.) (F4.5 lens $4\frac{1}{2}$ in.) | £18 18 0 | - | £15 15 0 | |
| $4\frac{1}{4} \times 3\frac{1}{4}$ (F4.5 lens $5\frac{1}{4}$ in.) | 23 0 0 | - | 18 18 0 | |
| $5\frac{1}{2} \times 3\frac{1}{2}$ (Post Card) | 27 0 0 | - | 22 10 0 | |
| * $5\frac{1}{2} \times 3\frac{1}{2}$ Stereo only | 27 0 0 | - | 22 10 0 | CB |

When cash is remitted with order, we pay postage anywhere.

| | $3\frac{1}{2} \times 2\frac{1}{2}$ | $4\frac{1}{4} \times 3\frac{1}{4}$ |
|---|------------------------------------|------------------------------------|
| EXTRAS. | | |
| Antinuous Release | £0 2 6 | £0 2 6 |
| Extra 6 Slides, in case | 0 17 6 | 0 19 0 |
| Special Metal Film Pack Adapter | 1 5 0 | 1 12 6 |
| Magnalium collapsible Lens Hoods, see p. 300 | 0 8 6 | 0 9 6 |
| MINEX do. do. see p. 300 | 0 12 6 | 0 12 6 |
| Ross Telecentric, F6.8, $3\frac{1}{2} \times 2\frac{1}{2}$ 9 in., $\frac{1}{4}$ -pl. 11 in. | 5 0 0 | 6 0 0 |
| Do. do. F5.4 do. do. do. | 6 15 0 | 8 5 0 |
| Busch Bis-Telar, F7 do. 8 in., $\frac{1}{4}$ -pl. 10 $\frac{3}{4}$ | 2 7 0 | 3 3 0 |
| Tripod Top for Camera | 0 4 6 | 0 5 0 |
| Detachable carrying Handles, as illustration | 0 5 0 | 0 5 0 |
| Isochromatic Screens or Light Filters, see p. 300 | | |
| Stiffened Morocco Case for Camera, screen and slides, with swivelled shoulder strap | 0 15 6 | 0 17 6 |
| Best solid leather Case with shoulder strap, to hold Camera Screen and slides, side by side | 0 17 6 | 1 0 0 |
| Air-tight Enamelled Steel, Felt-lined Cases, handle, lock, and key, for tropical climates | 1 5 0 | 1 7 6 |

*Stereo pattern is fitted with Zeiss Patent Tessar F6.3 lenses. $4\frac{1}{2}$ focus. It has fixed stereo division, and does not take panoram picture, thus being more convenient and simpler.

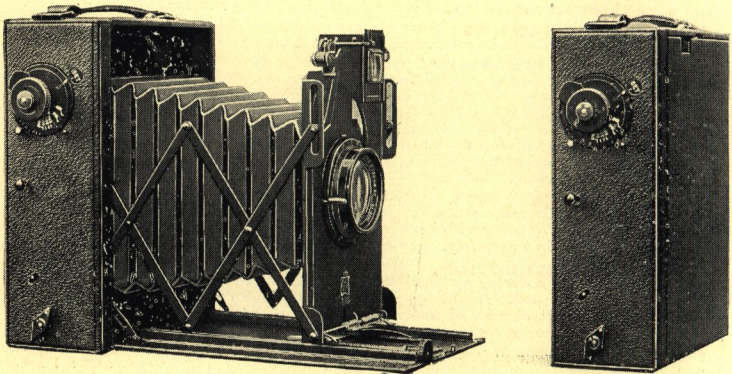
†Zeiss Tessar 7 $\frac{1}{10}$ th Lens F4.5. Others to order.

*†Prices include Premo Film-pack Adapter. For slides, &c., see page 303.

CB



THE ADAMS PATENT FOCAL PLANE VESTA



A HIGH-CLASS complete, but small, Folding Focal Plane Camera with all usual practical movements and large aperture lenses, has long been desired. Up to the present, however, no maker has designed or manufactured a thin one, as although the camera body has been fairly small, most of the lens has had to be left protruding and quite unprotected from damage upon the **outside**. The new Adams Focal Plane VESTA is, therefore, about $\frac{3}{4}$ -in. or 1-in. **thinner** than any other. The Lens is **self-contained**, and protected **inside** the camera body and focusses to about **one** yard, instead of the usual **two** yards, this being a very great improvement, also in the very small dimensions given the Adams Patent Identoscope is **included**. No other than our own cameras have this important feature.

The Adams Focal Plane VESTA is therefore the most compact, as well as smallest and complete camera of the Folding Focal Plane type it is possible to obtain. Brilliant visual Finders can also be fitted in addition at a cost of 5/- extra, should any require them.

RISING FRONTS, OPENING AND CLOSING, FOCUSING, TRIPOD BUSHES, LEVEL. All exactly as Adams VESTA described upon pages 290, 291.

FOCAL PLANE SHUTTER. The perfected Adams MINEX Self-Capping Focal Plane Shutter, with all its listed advantages, as page 288.

ADAMS IDENTOSCOPE FINDER. As fully described upon page 305.

APPROXIMATE SIZE AND WEIGHT including Dark Slide, F4.5 Lens, Identoscope and Level.

| SIZE. | LONG. | WIDE. | THICK. | WEIGHT. |
|--|----------------|----------------|------------------|---------|
| $3\frac{1}{2} \times 2\frac{1}{2}$ ($6\frac{1}{2} \times 9$ c.m.) | $5\frac{1}{2}$ | $3\frac{1}{8}$ | 2 in. | 31 OZS. |
| $4\frac{1}{4} \times 3\frac{1}{4}$ | 6 | $4\frac{1}{8}$ | $2\frac{1}{4}$ " | 33 " |

PRICES include Camera, six slides and hooded focussing screen, and Zeiss Patent Tessar F4.5 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.

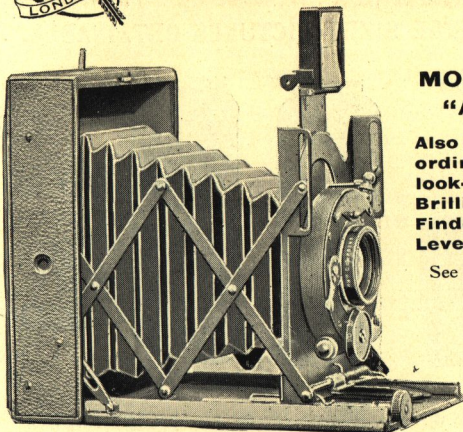
| | LIST PRICE. | OR IF CASH WITH ORDER. |
|---|----------------------------|------------------------|
| $3\frac{1}{2} \times 2\frac{1}{2}$ ($6\frac{1}{2} \times 9$ c.m.) $4\frac{1}{2}$ in. F4.5 lens | £23 0 0 | £18 18 0 |
| $4\frac{1}{4} \times 3\frac{1}{4}$ - - - $5\frac{1}{4}$ in. F4.5 lens | 25 0 0 | 21 0 0 CB |
| | †20/- extra if 6 in. lens. | |

IMPORTANT.—When above prices are remitted with order, we pay postage anywhere.

EXTRAS. As page 291. Antinous Release is not required. All leather cases are 5/- more than those listed upon page 291.



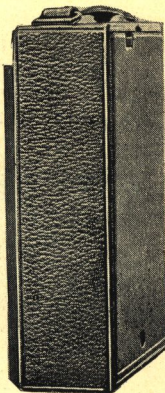
THE ADAMS PATENT VESTA



MODEL "A."

Also with ordinary look-down Brilliant Finder and Level.

See below.



Absolutely the Smallest and Lightest of its size.

| SIZE AND WEIGHT with Slide and Lens. | Size. | Long. | Wide. | Thick. | Weight. |
|--------------------------------------|--|-----------------|-----------------|-----------------|---------|
| | $3\frac{1}{2} \times 2\frac{1}{2}$ ($6\frac{1}{2} \times 9$ c.m.) | 4 $\frac{1}{2}$ | 3 $\frac{3}{8}$ | 1 $\frac{1}{8}$ | 16 ozs. |
| | $4\frac{1}{4} \times 3\frac{1}{4}$ | 5 $\frac{1}{2}$ | 4 $\frac{3}{8}$ | 1 $\frac{1}{8}$ | 19 " |

LENSES. Kept in stock with Ross New Compound Homocentric Lens F 6.8. This is the next best lens to the Zeiss Protar Series 7a. Other suitable lenses to order. The $3\frac{1}{2} \times 2\frac{1}{2}$ is fitted with lens of 4-in. focus; the $4\frac{1}{4} \times 3\frac{1}{4}$ size with 5-in. focus.

SHUTTER. Pneumatically controlled for speeds from $\frac{1}{250}$ th of a second to 1 second, also time and bulb exposures. Patent Antinous Release fitting can also be supplied at 2/6 extra. All sizes work down to 1 second, also TIME and BULB.

PLATES AND FILMS. Single metal dark slides for plates. Special Adapter for daylight loading Premo film packs. Slides and Adapter interchangeable in same camera without additions, and no troublesome and confusing second focussing scale required.

FINDER. A visual finder, showing action of rising front. Automatically erects itself when camera is opened, and automatically closes and folds when camera is closed. Can be fitted with a look-down Brilliant Finder instead, including level, at 7/6 extra on $3\frac{1}{2} \times 2\frac{1}{2}$, and 8/6 extra on $\frac{1}{4}$ pl.

RISING FRONTS. The VESTA has a horizontal and vertical rising front, and this to the extent of a quarter of the plate each way. Shown in finder.

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

FOCUSING. Focuses by fine adjustment screw, as page 291. Besides engraved scale, ground glass focussing screen is supplied. If with Collapsible Hood, $3\frac{1}{2} \times 2\frac{1}{2}$, 3/- extra. $\frac{1}{4}$ pl. 4/-.

TRIPOD BUSHES. Two fitted for using horizontally and vertically. For using with Zephyr tripods, see page 304, a special Vesta tripod top is recommended for obtaining rigidity. $3\frac{1}{2} \times 2\frac{1}{2}$, 4/6, and $4\frac{1}{4} \times 3\frac{1}{4}$, 5/- each.

GENERAL CONSTRUCTION. Mostly strong aluminium alloy, morocco leather covering and bellows.

PRICES include Camera, 6 slides, focussing screen, Ross New Compound Homocentric Lens as above, and a leather case for the slides. If slides not required deduct 15/- for $3\frac{1}{2} \times 2\frac{1}{2}$, and 17/6 for $\frac{1}{4}$ pl.

| | LIST PRICE. | OR IF CASH WITH ORDER. | |
|--|-------------|------------------------|--|
| $3\frac{1}{2} \times 2\frac{1}{2}$ ($6\frac{1}{2} \times 9$ c.m.) | £12 12 0 | £10 10 0 | If cash with order, post free anywhere. CB |
| $4\frac{1}{4} \times 3\frac{1}{4}$ | 14 0 0 | 11 11 0 | |

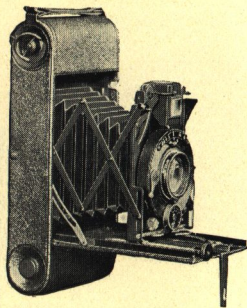
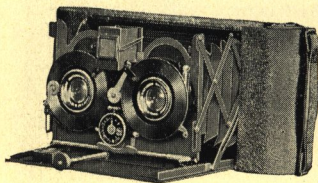
EXTRAS. Same as page 291.



THE ADAMS Patent Roll-Film VESTA

NOTE LARGE SIZED PICTURES OBTAINABLE.

ALL MAKES OF CAMERAS
EXCHANGED FOR
OUR OWN
VARIOUS MODELS.



About $3\frac{3}{4} \times 2\frac{5}{16}$ Pictures on $3\frac{1}{4} \times 2\frac{1}{4}$, and $4\frac{1}{2} \times 3\frac{1}{4}$ on $4\frac{1}{4} \times 3\frac{1}{4}$ Films!

A high class and perfected Roll Film Camera has long been asked for, and we now have pleasure in introducing an absolutely unique instrument of its kind.

1. Although only using in the No. 1 Model the ordinary stock $3\frac{1}{4} \times 2\frac{1}{4}$ Film Spools, a charmingly proportioned picture of about $3\frac{3}{4} \times 2\frac{5}{16}$ is obtained. In No. 2 Model an ordinary stock $4\frac{1}{4} \times 3\frac{1}{4}$ spool is used, yet a similar prettily sized picture measuring about $4\frac{1}{2} \times 3\frac{1}{4}$ is secured. In the Stereo Model the ordinary $2\frac{1}{2} \times 4\frac{1}{4}$ spool is used, yet large pictures each measuring $2\frac{7}{8} \times 2\frac{3}{8}$ are obtained. Although the Vesta permits of these large pictures upon smaller sized films, the Cameras are NOT made larger in consequence. The Adams Patent Vesta is the ONLY Roll Film Camera affording this immense advantage. It also means a great saving in cost of film.

2. The Adams Lazy-Tongs or Trellis Bar system ensures parallelism of lens and front of Camera with film. Our Patented Device also permits of an extensive rising front, horizontally and vertically, and that **without** straining the Trellis Bars. The expense of a first class anastigmatic lens, such as those fitted to the Vesta is largely wasted unless used in conjunction with a system as above described.

3. The Film Spool Winder is strongly made and there is no back lash whatever, and the Camera back fitting is designed to keep the film perfectly flat.

4. The Camera Back is unusually neat, there being no visible or protruding springs or catches. One concealed pressure spring upon each side controls two interior securing pins on each side.

5. Particular attention is drawn to the Adams IDENTOSCOPE Finder, as this places Adams Cameras in front of all competitors. It is the ONLY Finder made, showing automatically the correct picture in every position. See page 305.

6. Another very important fitment solely obtainable upon the Adams Vesta, is the Adams non-slippable focussing device. Ordinary systems such as lever and sliding methods, are so likely to move just a little each time the lens front is brought forward, if pulled just a little too hard, that blurred pictures are the result. To avoid this by constantly viewing the focussing scale is exceedingly troublesome.

APPROXIMATE SIZES AND WEIGHTS.—Complete with F4.5 lens, Identscope and Level. If with F6.3 lenses, still lighter.

| SIZE OF FILM. | SIZE OF PICTURE. | LENGTH. | WIDTH. | THICKNESS. | WEIGHT. |
|--|-------------------------------------|----------------|----------------|-----------------|---------|
| No. 1 $3\frac{1}{4} \times 2\frac{1}{4}$ | $3\frac{3}{8} \times 2\frac{5}{16}$ | $7\frac{3}{8}$ | $3\frac{1}{2}$ | $1\frac{1}{16}$ | 26 OZS. |
| No. 2 $4\frac{1}{4} \times 3\frac{1}{4}$ | $4\frac{1}{2} \times 3\frac{1}{4}$ | $8\frac{1}{2}$ | $4\frac{1}{4}$ | $1\frac{1}{8}$ | 36 OZS. |
| No. 3 $4\frac{1}{2} \times 2\frac{1}{2}$ (Stereo) | $2\frac{5}{16} \times 2\frac{5}{8}$ | $8\frac{1}{8}$ | $3\frac{1}{8}$ | $1\frac{1}{4}$ | 31 OZS. |

LENSES. Zeiss Patent Tessar F4.5 or F6.3; also Ross Compound Homocentric F6.8. Other suitable lenses to order. The $3\frac{1}{4} \times 2\frac{1}{4}$ is fitted with lenses of $4\frac{1}{2}$ in. focus; the $4\frac{1}{4} \times 3\frac{1}{4}$ of $5\frac{1}{4}$ in. focus (6 in., 20/- extra), and the Stereo with 3 in. stereoscopic paired.

SHUTTER, IDENTISCOPE FINDER, LEVEL, RISING FRONTS, OPENING AND CLOSING, FOCUSING, TRIPOD BUSHES, GENERAL CONSTRUCTION.

All the above as per pages 290 and 291, which should be fully and carefully read.

PRICES include Camera, Compound shutter, Identscope, Zeiss Tessar F4.5 Lens.

| SIZE OF FILM. (Picture size see above.) | LIST PRICE. | OR IF CASH WITH ORDER. | Best Leather Cases. | Real Pigskin Cases. |
|--|-----------------|------------------------|---------------------|---------------------|
| No. 1. $3\frac{1}{4} \times 2\frac{1}{4}$ | £19 19 0 | £16 16 0 | 17/6 | 22/6 |
| No. 2. $4\frac{1}{4} \times 3\frac{1}{4}$ | 23 0 0 | 18 18 0 | 21/- | 27/6 |
| No. 3. $4\frac{1}{2} \times 2\frac{1}{2}$ (Stereo.) | 27 0 0 | 22 10 0 | 21/- | 27/6 |

When cash with order, postage paid anywhere.

CB

If with Ross F6.8 Homocentric, or Zeiss F6.3 Tessar: $3\frac{1}{2} \times 2\frac{1}{2}$, 16/- less; $\frac{1}{4}$ pl., 18/- less, and Stereo, 20/- less.

EXTRAS. As page 291.



**THE FINEST
ROLL FILM
CAMERAS
MADE.**



Illustration shows size of trimmed picture obtainable with No. 1 Roll Film Vesta.



IMPORTANT.

This 24 pp. advertisement is our FULL CATALOGUE, therefore if further particulars are required, please state clearly what information is desired.

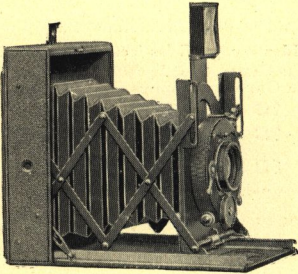




THE ADAMS PATENT VEST VESTA

Rising fronts obtained without straining Trellis bars, and provide ample rise. Vesta is **only** waistcoat pocket Camera permitting this, and that is fitted with a perfectly **efficient** shutter. See shutter p. 290.

Size of picture, $2\frac{1}{8} \times 1\frac{3}{8}$ in. ($4\frac{1}{2} \times 6$ c.m.), see below.



ADVANTAGE of really **good** all-round Camera that can be easily carried in **ordinary** VEST pocket is now recognised. Our new model has horizontal and vertical Rising Fronts; Shutter Speeds from $1/250$ th to 1 second; Time and Bulb; Zeiss 4.5 Tessar Lens; Focussing Scale; hooded Focussing Screen; Visual Finder with magnifying viewing lens, which automatically opens as well as closes. **Instantly** ready. **Only one** Focussing Scale for Plates or Film Packs, thus no trouble and **no** mistakes. Tripod Bushes. Dustproof, lens and everything covered and self-contained. Larger picture on plate than upon any other Camera. Although considerably more advantages than any similar competing instrument, is smaller, lighter, simpler, and capable of greater range of work. Plates and Films standard size obtainable every-

where. A more perfect, small VEST Pocket Camera is beyond the art of camera-making. Beautifully finished and covered in real morocco leather.

| SIZE. | | | WEIGHT. |
|--------|--------------------|--------------------|---------|
| Thick. | Wide. | Long. | |
| 1 in. | $2\frac{3}{8}$ in. | $3\frac{3}{8}$ in. | 12 OZS. |

PRICE COMPLETE
and 6 slides in case.
£13 13 0



OR IF CASH
WITH ORDER.
£11 11 0

CB

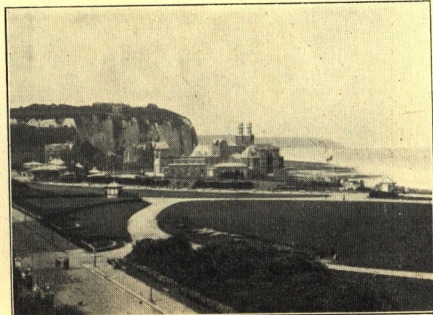
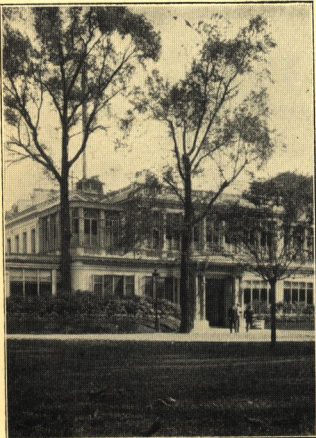
Post Free anywhere.

Ordinary Look-Down Brilliant View Finder instead of Visual as shown above, 9/- extra. Enlargers, see pp. 299 and 302.

| | |
|---|--------|
| Antinous Release | £0 6 6 |
| Extra 6 Single Slides, in case (if not required deduct 17/6) | 1 1 0 |
| Double Dark Slides, small, neat, and simple loading, each | 0 10 6 |
| Pocket Leather Case holding 3 do. | 0 3 0 |
| Special Metal Film Pack Adapter | 1 5 0 |
| Magnalium collapsible Lens Hoods (recommended) | 0 7 6 |

Isochromatic Screens or Light Filters, see p. 300.

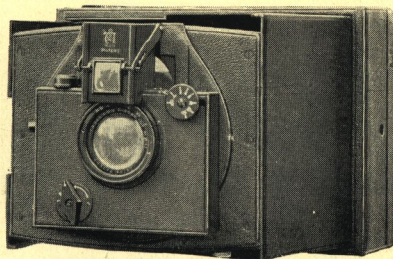
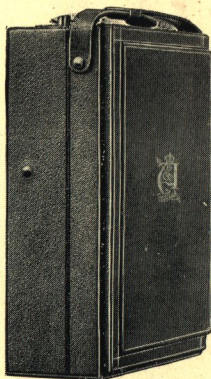
| | |
|---|--------|
| Morocco Case for Camera, Screen and 12 Slides, with shoulder strap (2/6 extra if Film Pack Adapter as well) | 0 12 6 |
| Do. Do. Best solid leather | 0 15 6 |
| Do. Do. Real pigskin | 1 1 0 |



**IMPROVED
1913 MODEL.**

THE ADAMS IDENTO

FITTED WITH THE ADAMS IDENTOSCOPE.



A VERY POPULAR FAVOURITE.

- 1.—The Adams "IDENTO" is made $4\frac{1}{2} \times 3\frac{1}{2}$, 5×4 , $5\frac{1}{2} \times 3\frac{1}{2}$ (Post Card), and $6\frac{1}{2} \times 4\frac{1}{2}$. (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 $5\frac{1}{2} \times 3$.)
- 2.—Shutter in lens diaphragm slot opens and closes to centre, speeds **accurately** regulated by air in metal tube, from $\frac{1}{1000}$ th to $\frac{1}{2}$ a second, also TIME. Antinous release, 2/6 extra. A special self-capping Focal Plane Shutter can also be fitted.
- 3.—Lens, Shutter, IDENTOSCOPE Finder, &c., are self-contained. When closed **everything** is protected from dust or damage.
- 4.—Adams IDENTOSCOPE, always shows true view, even when Rising Fronts are used! The most valuable fitment applied to a hand Camera, see p. 305. Visual Finders for holding to eye level may be added, 5/6 upon first 3 sizes and 7/6 on $\frac{1}{2}$ 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.
- 7.—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. Lenses removable for cleaning, or for using upon other Cameras or Enlarging Lanterns.
- 8.—Any kind of changing system can be used—Changing Boxes, Dark Slides, or Day-light Loading Premo Film Pack Adapter or Roll Holder, all interchangeable.
- 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 hooded 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 Compound Homocentric F 6'8 Lens, Adams accurately regulated "IDENTO" Shutter, IDENTOSCOPE; Premo Film Pack Adapter in best morocco, with pocket (deduct cost if not required, see p. 303 for other changing system preferred). Camera covered in best morocco.

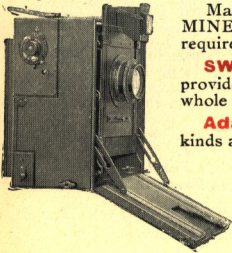
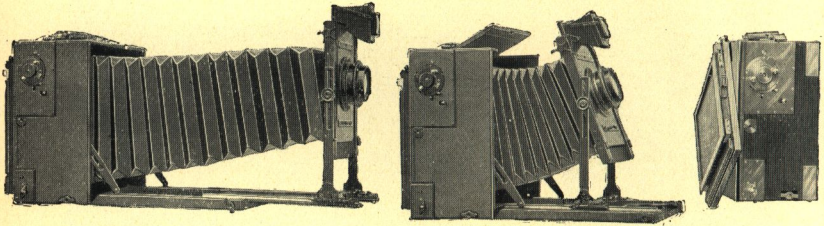
| Size. | Thick. | Wide. | Long. | Weight, about. | Cash Price. | Extra for Zeiss Patent Protar F 6'3. | Collapsible Extensions for Single Lenses. |
|------------------------------------|--------------------|--------------------|--------------------|-------------------|-----------------|--|---|
| $4\frac{1}{2} \times 3\frac{1}{2}$ | $1\frac{3}{4}$ in. | $4\frac{1}{8}$ in. | $5\frac{3}{8}$ in. | 21 OZ. | £13 10 0 | £4 0 0 | £0 18 6 |
| 5×4 | $1\frac{7}{8}$ in. | $4\frac{7}{8}$ in. | $6\frac{1}{4}$ in. | 27 OZ. | 15 10 0 | 5 0 0 | 1 0 0 |
| $5\frac{1}{2} \times 3\frac{1}{2}$ | $1\frac{7}{8}$ in. | $4\frac{3}{8}$ in. | $6\frac{3}{8}$ in. | 26 OZ. | 16 16 0 | 5 0 0 | 1 2 6 |
| $6\frac{1}{2} \times 4\frac{1}{2}$ | $2\frac{3}{8}$ in. | $5\frac{1}{4}$ in. | $7\frac{3}{4}$ in. | 46 OZ. | *19 19 0 | — | — |

* The $6\frac{1}{2} \times 4\frac{1}{2}$ is fitted with Zeiss Patent Tessar $7\frac{1}{16}$ in. F 6'3, costing £7 0 0. CB

F4.5 Lenses and Compound Shutter, to order.

Model B fitted with MINEX Self-Capping Focal Plane Shutter, as p. 288. With this model no other shutter is necessary. Wide angle, long focus or telephoto lenses may be used.

THE ADAMS VAIIDO



Made in Models A and B. Only difference is, Model B is fitted with MINEX Self-Capping Focal Plane Shutter, as p. 288, and no other is required. Model A is for front shutters of all leading kinds.

SWING FRONT AND RISING FRONT. Double rising front provided, the first being rack and pinion. Adams IDENTOSCOPE shows whole of this rise. A still greater rise of some inches also provided.

Adams REVOLVING Back. CHANGING SYSTEMS. All kinds as p. 303.

LENSES. Most kinds may be fitted, from Wide Angle to Tele-photo. Those listed upon p. 287 recommended.

FOCUSING. Accurately scaled. Hooded focussing screen. Focusses out immediately to locking stop. Rack focussing for wide angle and ordinary lenses.

| Size. | Approximate Sizes Including Revolving Back | | | Extension from Screen to Lens Board. | List Price. | Or if Cash with Order. | Extra if fitted with MINEX Focal Plane Shutter, see p. 302. |
|-------------------|--|-----------|-----------|--------------------------------------|-------------|------------------------|---|
| | High. | Wide. | *Thick. | | | | |
| 1/4 pl. | 6 3/8 in. | 5 1/2 in. | 3 1/2 in. | 13 in. | £15 0 0 | 12 17 6 | 4 15 0 |
| 5/8 or 9 x 12 cm. | 7 " | 6 1/8 " | 3 5/8 " | 16 1/2 " | 16 5 0 | 13 17 6 | 5 5 0 |
| 6 1/2 x 4 3/4 | 9 1/2 " | 7 3/4 " | 5 " | 21 " | 22 0 0 | 18 18 0 | 6 10 0 |


Polished Teak, Brass Bound, also dark slides, Russia leather bellows and focussing hood, 80/- (100/- B model) extra on 1/4 and 5/8, and 90/- (110/- on B model) on 1/2 pl.

* If fitted with MINEX Shutter about 1/2 in. thicker and 1/2 in. longer extension. CB

COMPOUND SHUTTERS

| | 5 in. | 5 1/2 in. | 6 in. | 6 1/2 in. | 7 in. | 8 1/2 in. |
|----------------------------|-------|-----------|-------|-----------|-------|-----------|
| For A Model, F. 6.3 lenses | 35/- | 40/- | 40/- | 40/- | 42/- | 54/- |
| Do. do. F. 4.5 lenses | | | 48/- | | 54/- | 60/- |

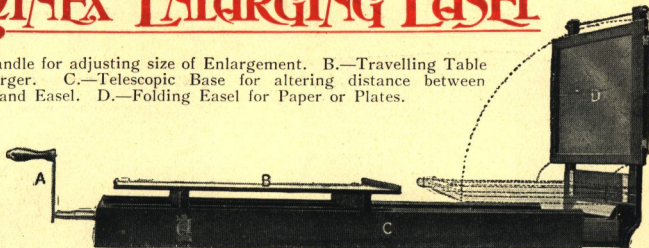
Prices include fitting when we supply lens, otherwise 10/- to 15/- extra. CB

 When Cash remitted with order, carriage paid anywhere.

Infinity Stop, Focussing Scale and Adjusting Identoscope, 10/6 complete, but FREE when listed lens is purchased.

THE ADAMS
MINEX ENLARGING EASEL

A.—Handle for adjusting size of Enlargement. B.—Travelling Table for Enlarger. C.—Telescopic Base for altering distance between Lantern and Easel. D.—Folding Easel for Paper or Plates.

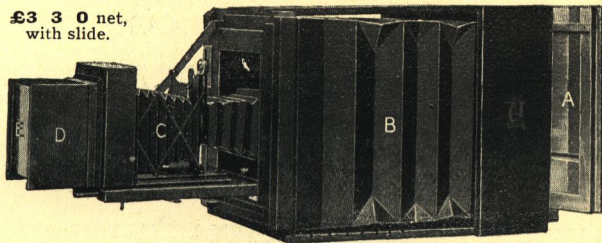


SIMPLE, accurate, and practicable. Travelling stage is arranged to bring lens of Enlarger in alignment and centre of Easel. Base is telescopic, adjusted by endless screw, enabling any size Enlargement being easily obtained. Vertical rise and fall and cross movement, for ready adjustment to any desired portion of picture. Pressure frame holding paper horizontally or vertically, for Adjustable Pressure for Paper or Plates. Frame is folded down, back removed, and paper inserted. Frame is then folded into original position, and all is in register for making Exposure. **CB**

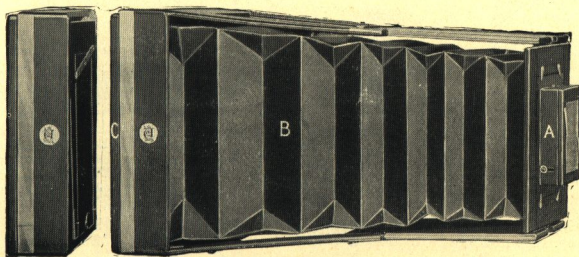
PRICE. For enlarging all sizes up to 15×12 , **£7 7 0 net.** Other sizes to order.

THE ADAMS
VESTA ENLARGER

£3 3 0 net,
with slide.



DAYLIGHT Enlarger for using high-class lens fitted to Vesta Camera itself is placed on one end of Enlarger, and apparatus is complete. Enlarges $3\frac{1}{2} \times 2\frac{1}{2}$ to 7×5 and $\frac{1}{4}$ -pl., or $4\frac{1}{4} \times 3\frac{1}{4}$ to $8\frac{1}{2} \times 6\frac{1}{2}$. When once adjusted is ready for use, without further adjustment, and although practically Fixed Focus Enlarger is still capable of adjustment. Self-contained and extremely portable, all parts folding inside. **CB**



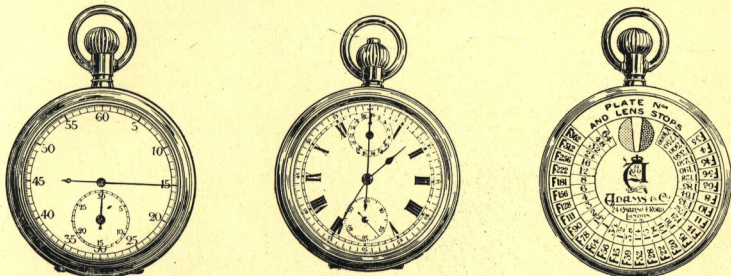
FOR
VEST
Vesta.

Enlarges $2\frac{1}{2} \times 1\frac{3}{4}$
to Postcard
or $\frac{1}{4}$ -pl.

£3 3s. net,
with slide.

THE ADAMS STOP-WATCH EXPOSURE METER

Fitted with new speed Scales for the new large-aperture lenses up to $F/3\frac{1}{2}$ and Exposure Speeds up to $\frac{1}{10000}$ of a second! The simplest and most practical Exposure Meter ever introduced. **Wynne's Plate Speed** numbers used.



MOST failures with Exposure Meters are caused by inaccurate timing. If correct tinting is accurately judged, a good Exposure Meter is of greatest value. It is troublesome to hold meter in one hand and watch in other. The Adams Exposure Meter is only accurate and simple method. Is a **first-class Stop Watch**, with simple Exposure Meter arranged in back. Watch starts at zero and records from one-fifth of second to thirty minutes onwards. When commencing to tint paper, press **A**; when tint is of correct depth, press again. This stops it, and accurate time can be read off. Another press whenever desired sets back to zero. Large hand recording around outside edge is **second** hand, small hand **minute** hand. Also useful for various purposes: Time or Factor development, exposing of all kinds, Bromide and Gaslight Paper exposures, Enlarging and Copying, as well as athletic sports, and timing of all descriptions. Watches are beautifully finished, being black oxidised.

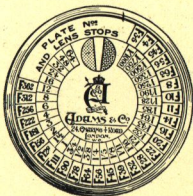
Fig. 3 is a view of the back of the watches.

No. J2 (Figs. 1 and 3), complete, **37/6** net, Post Free.

No. J1 (Figs. 2 & 3), with complete Watch Chronograph, as Figs. 2 & 3, **70/-** net, Post Free.
Mode d'emploi en français si on le désire.

THE ADAMS IMPROVED EXPOSURE METER

NEW POPULAR THIN WAFER PATTERN.
THE BEST OF ALL SIMPLE AND ACCURATE EXPOSURE METERS.



THIS simple and accurate as well as convenient pattern, at a low popular price, should quickly supersede all others. It is similar in all respects to the above patterns, but without the stop watch movement. Not only has it all the latest advantages of the new and complete scales, but it is by far the most convenient for the vest pocket. It is circular, beautifully finished and only 2 ins. in diameter and $\frac{1}{8}$ th of an inch in thickness. The price includes Wynne's Speed Card and a packet of Exposure Papers, sufficient for about 400 exposures (extra packets **6d.** each, postage **1d.**), and a chamois bag, neatly boxed.

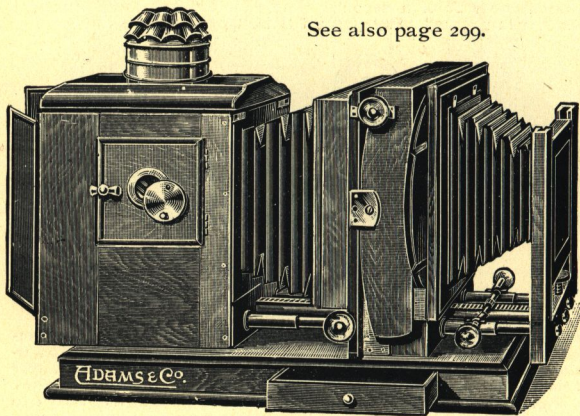
Price **8/6** net, Post Free.

If with Ring for Watch Chain,
3d. extra.

CC
Special for quantities.

THE ADAMS MINEX ENLARGER

See also page 299.



THE Adams MINEX Enlarging Lantern is the result of long practical experience in the art of enlarging, and combines all requirements of a **perfectly practical** instrument with our well-known high-class workmanship and material. It is constructed of thoroughly well seasoned mahogany, polished, brass bound, and lined with **asbestos and Russian iron**. Hood and cowl are **copper**, and bellows leather, lined with **asbestos**; an entirely **new** feature, giving great durability, and freedom from damage by heat. Body carrying illuminant is made to travel on cantilever principle, and is adjusted by an endless steel screw, which permits of centring the light accurately and easily.

Front holding enlarging lens is fitted with our well-known quick and fine adjustment which permits of any size enlargement being readily focussed, and will allow any suitable lens to be used. Condenser is best double compound, of specially selected white glass, is fitted in a well ventilated box, and can be quickly removed for cleaning, and replaced, &c.

Stage carrying negative has every necessary movement, and is achieved by a **new and distinctive** device by which negative can be quickly adjusted to **any** desired position. This stage consists of movement for tilting negative in any position, and can be then clamped to prevent it moving. Has rise and fall, as well as cross movement, thus enabling any portion of negative to be brought into centre rays of light. Carrier revolves very quickly for bringing negative from horizontal to vertical position, and vice versa, and can be quickly removed for changing negatives.

There is also a drawer in baseboard of lantern for sundry accessories, and all movements are so arranged that they can be worked equally well from **either side**. This Enlarging Lantern is unquestionably the most perfectly finished article on the market.

| For Negatives up to | Suitable Focus for lens. | Condenser. | † Without Lens. | Prices strictly net. ‡ With good F.7.7 Anastigmat Lens. | With Zeiss Tessar F4.5 |
|---------------------|--------------------------|------------|-----------------|--|------------------------|
| 3½ × 2½ | 4½ in. | 4½ in. | £7 17 6 | £9 4 6 | £12 17 6 |
| 4½ × 3½ | 6 in. | 5½ in. | £9 9 0 | £11 11 0 | £15 19 0 |
| 5 × 4 | 7½ in. | 6½ in. | £10 10 0 | £13 0 0 | £18 10 0 |
| 6½ × 4½ | 8½ in. | 8½ in. | £14 14 0 | £18 10 0 | £24 14 0 |
| 8½ × 6½ | 10 in. | 11 in. | £27 10 0 | £32 10 0 | £43 10 0 |

CB

† Illuminant is **extra**, and either of the following may be selected:—

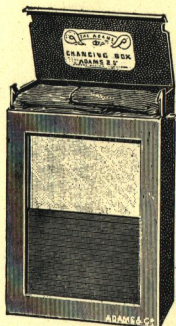
| | | | |
|--|------|-------------------------------------|------|
| Powerful Duplex Oil Lamp and Extension to Cowl | 10/6 | Automatic Arc Lamp, as p. 289, from | 90/- |
| Neat Electric Lamp, No. 2 | 30/- | Blow-through Jet and fittings for | |
| do. do. do. No. 3 | 45/- | Oxy-Hydrogen | 21/- |
| | | Acetylene Lamp complete | 40/- |

OTHER ENLARGING APPARATUS, AT ALL PRICES, IN STOCK

Also see page 299.

Messrs. Adams & Co. have had the honour of supplying, and are contractors to:—

His Majesty's Home and Colonial Governments, &c.
The Royal Naval and Military Colleges.
The London County Council. The Dock Companies,
And many of the leading Scientific Institutions throughout the world.



THE ADAMS CHANGING BOXES

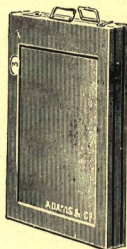
Best manufacture, covered in black real morocco leather. Roller blind shutter. Plates covered or uncovered at will. No light traps. Numbers on sheaths seen from outside. Bags of special quality leather, pliable and free from dust. Will stand wear for years. Plates lifted from front and placed after exposure at back. Prices include sheaths. Extra for aluminium sheaths, $\frac{1}{4}$ -pl. 2/6; $\frac{1}{2}$ -pl. 3/-; $\frac{3}{4}$ -pl. 7/6.

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, and quality, 12 plates. $\frac{1}{4}$ -pl. 30/-; $\frac{1}{2}$ -pl. 32/6
CB

THE ADAMS DARK SLIDES

| | Mahogany, black polished. | Brass-bound TEAK. |
|--|------------------------------|----------------------|
| $4\frac{1}{4} \times 3\frac{1}{4}$ | 9/6 | 15/6 |
| 5×4 | 11/6 | 17/6 |
| or 9×12 c.m. | 13/- | 20/- |
| $5\frac{1}{2} \times 3\frac{1}{2}$ | 17/6 | 22/6 |
| $6\frac{1}{2} \times 3\frac{1}{4}$ | 18/6 | 23/6 |
| $6\frac{1}{2} \times 4\frac{3}{4}$ | | |

For VESTA and $3\frac{1}{2} \times 2\frac{1}{2}$ MINEX Dark Slides, see p. 291.



THE ADAMS DAYLIGHT LOADING SYSTEMS

Film Pack Adapter handsomely covered in morocco, and has convenient pocket at back for holding draw-out shutter when out of use. Only obtainable from us.

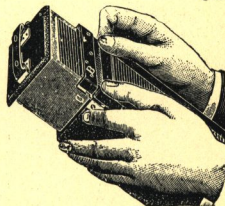
Daylight Loading Roll Holders— $\frac{1}{4}$ -pl., 25s.; $\frac{1}{2}$ -pl., 37s. 6d.; $\frac{3}{4}$ -pl., 50s.

Adapters for Premo Film Packs— $\frac{1}{4}$ -pl., 15s. 6d.; $\frac{1}{2}$ -pl., 18s. 6d.; $\frac{3}{4}$ -pl., 21s.; $\frac{1}{2}$ -pl., 25s.
Brass-bound Teak, Russia leather .. 26/6 .. 30/- .. 32/6 .. 37/6
CB

AUTOMATIC CHANGING BOX

To fit our various cameras and interchangeable with our other changing systems. Prices include 12 plate sheaths.

$3\frac{1}{2} \times 2\frac{1}{2}$ or $\frac{1}{4}$ or $\frac{1}{2}$ or
 $6\frac{1}{2} \times 9$ c.m. $\frac{1}{4}$ 55/- 9×12 c.m. $\frac{1}{2}$ 60/- $5\frac{1}{2} \times 3\frac{1}{2}$ $\frac{3}{4}$ 65/- $6\frac{1}{2} \times 4\frac{3}{4}$ 70/- $6\frac{1}{2} \times 3\frac{1}{4}$ 87/6 $7\frac{3}{4} \times 3\frac{1}{4}$ 73/- CB



OLD CAMERAS EXCHANGED FOR OUR LATEST MODELS

THE HORNS CAMERA CASES

FINEST QUALITY. None genuine without our name.

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

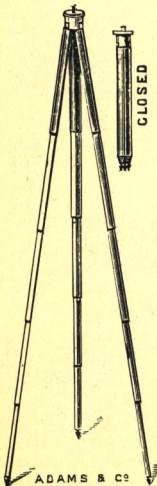
No. 1. Best quality, thoroughly waterproof, thick collapsible canvas, chocolate colour, and adjustable web sling strap. (IDENTO are lighter, velvet lined.)

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



Larger Cases may have spring snap fasteners, as shown, as well as lock, at 3/- extra, all sizes.

| Every quality, size, and style of Case supplied. | CB | Style No. 1. | Style No. 3. | Air-tight en-ameled steel, felt lined, handle, lock and key. |
|--|----|--------------|--------------|--|
| | | | | |
| MINEX 1/4-pl. taking Camera and 3 slides - - | | 17/6 | 35/- | 42/- |
| " 1/2-pl. do. do. - - | | 18/6 | 37/6 | 45/- |
| " 3/4-pl. do. do. - - | | 21/- | 52/6 | 50/- |
| " 1-pl. taking Camera, 6 slides - - | | 20/- | 39/- | 44/- |
| " 1/2-pl. do. do. - - | | 21/- | 42/- | 47/6 |
| " 3/4-pl. do. do. - - | | 24/- | 57/6 | 52/6 |
| IDENTO 1/4-pl. Camera, Screen, Film Adapter - | | 7/6 | 18/6 | 27/6 |
| " 1/2 and 5 1/2 x 3 1/2-pl. do. do. - | | 8/6 | 19/6 | 31/6 |
| " 3/4-pl. do. do. - | | 10/6 | 22/6 | 35/- |
| " 1-pl. do. and 8 pl. Change Box - | | 8/6 | 20/6 | 29/- |
| " 1/2 and 5 1/2 x 3 1/2-pl. do. do. - | | 9/6 | 21/6 | 34/- |
| " 3/4-pl. do. do. - | | 11/6 | 25/- | 37/6 |



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

- No. 1 for quarter or 1/2 MINEX, or 1/2-pl. Stand Cameras **£1 4 6**
- No. 2 for 1/2-pl. MINEX or 1-pl. Stand Cameras - - **1 9 6**
- No. 3 for 12x10 or 15x12 Cameras - - - **2 2 0**

Revolving Turntable Top, instead of Fixed Top, **7/6** extra.
 Best quality Ball and Socket Top (see page 285), **32/6** extra.
 2nd quality - - - - - Price **0 10 6**

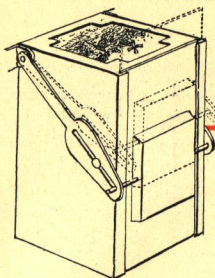
MINEX LEATHER TRIPOD CASES, with handle, 12/6.

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

| No. | Description | Inches. | | Net Price. |
|-------|------------------------------|---------|-------|-------------|
| | | Closed. | Open. | |
| No. 1 | Brass tubular, circular legs | 16 | 40 | 4/6 |
| " 2 | Do. do. do. | 15 1/2 | 47 | 9/6 |
| " 3 | Strong metal do. | 12 | 49 | 12/6 |
| " 4 | Aluminium do., circular legs | 14 1/2 | 50 | 15/6 |
| " 7* | Do. do., triangular legs | 11 1/2 | 48 | 27/6 |
| " 8* | Do. do. do. | 13 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. If Morocco covered, 10/- extra.

ZEPHYR LEATHER CASES, with handle, 5/6.



THE ADAMS IDENTOSCOPE

ONLY fitted to the Adams IDENTO, VAIDO and VESTA Cameras, and cannot be supplied separately.

THE most valuable fitment that can be attached to a hand camera. Is a real image brilliant view finder that at all times shows **identical** view lens produces upon plate. There is no other such Finder, as it **automatically** shows the action of the rising front. An **accurate** finder conveniently fitted to a camera is a great boon.

It is frequently necessary to cut off some foreground, and to use a rising front to get the top of a building upon the plate. With ordinary finder it is impossible to do this, but with IDENTOSCOPE exact picture appears. It shows how much foreground is cut off and how much, and what appears upon top of plate.

ADAMS & CO.'S

'Challenge' Dark Tent.

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.

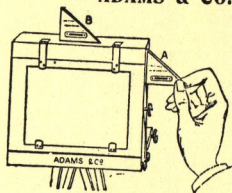
£3 15s. 0d. net. With Ventilator, 7/6 extra.

Strong Tripod for same £1 8s. 6d. net. CB



ADAMS & CO.'S

'Challenge' Level.



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 perpendicular.

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

Price 2/6 each, Postage 1d.

CC**

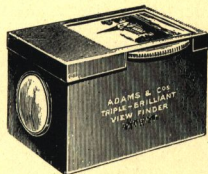
The 'ADAMS' Finder.

"A.B." shows 2 views, horizontal and vertical.

"B.B." one view, either horizontal or vertical.

| Size. | Size of View seen. | A. B. | B. B. |
|---------------|----------------------------------|-------|----------|
| No. 1 | $\frac{5}{8} \times \frac{1}{8}$ | 10/6 | 7/6 each |
| " 2 | $\frac{1}{8} \times \frac{3}{4}$ | 13/6 | 12/- .. |

Postage 2d.



CC** THE ONLY ACCURATE FINDER.

Adams & Co.'s View Meter.

Same Meter answers for variety of Lenses. Gives same angle as Lens in use.

The exact view that would be on the plate from the position of the operator may be at once seen without the trouble of erecting Camera.

Enables operator to tell at a glance the best angle lens to use to obtain most artistic rendering of subject, and spot where necessary to place Camera to embrace particular subject on plate.

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



ADAMS & Co's SECOND HAND DEPARTMENT

We exchange best quality apparatus of known first-class makes in part exchange for new goods of our own manufacture. All apparatus advertised is carefully examined before being sent out, and may thus be purchased with confidence.

Goods of our own manufacture advertised by us as second-hand are generally equal to new, they mostly being exchanged for a different size, or in many cases for the latest models.

A FEW ONLY OF OUR IMMENSE STOCK.

| | | OUR PRICE. Cost. | | | OUR PRICE. Cost. | | |
|-----|--|------------------|----|----|------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |
| 58. | No. 3a Folding Pocket Kodak, R.R. lens | 2 | 18 | 6 | 4 | 10 | 0 |
| 59. | Goerz Vest Tenax, Dagor, F/6.8, 12 slides, roll holder, case | 9 | 17 | 6 | 15 | 3 | 0 |
| 60. | ½-pl. Roll-film Sanderson, Goerz Syntor lens in Unicum shutter | 5 | 7 | 6 | 10 | 15 | 0 |
| 61. | ½-pl. Zambex, Steinheil lens, F/6, 6 slides | 3 | 7 | 6 | 7 | 7 | 0 |
| 62. | ½-pl. Watson Alpha, tropical, 3 slides, F/4.6, Holo. lens, 12 pl. box | 9 | 17 | 6 | 24 | 10 | 6 |
| 63. | ½-pl. Adams Vesta, Zeiss Protar lens, F/6.3, 6 slides | 10 | 12 | 6 | 16 | 0 | 0 |
| 64. | ½-pl. Adams Idento, Homo. lens F/6.8, 8 pl. changing box, case | 10 | 10 | 0 | 15 | 11 | 0 |
| 65. | ½-pl. N. & G. Sibyl, Zeiss Tessar F/6.3, 12 slides, film pack adapter, case | 13 | 13 | 0 | 20 | 2 | 6 |
| 66. | ½-pl. No. 5 Tudor Camera, Beck lens, 3 slides | 2 | 12 | 6 | 5 | 6 | 0 |
| 67. | ½-pl. Adams Natti, Zeiss Protar F/6.3 lens | 5 | 17 | 6 | 15 | 15 | 0 |
| 68. | 5×4 Adams Vaido, A, 3 slides, Ross Homo. F/6.8, compound shutter | 11 | 18 | 6 | 20 | 3 | 0 |
| 69. | 5×4 Adams Idento, Ross Homo. F/6.3 lens, roll-holder, and pigskin case | 8 | 17 | 6 | 15 | 0 | 0 |
| 70. | 5×4 Goerz-Anschutz (latest), Celor F4/5, film-pack adapter, Mackenzie adapter, 6 envelopes, 2 cases | 12 | 7 | 6 | 16 | 15 | 0 |
| 71. | Stereoscopic (6½×3½) Goerz-Anschutz, pair Goerz Dagor lenses, 6 double dark slides, leather case | 14 | 17 | 6 | 26 | 4 | 0 |
| 72. | 3½×2½ Adams Vesta, Zeiss Tessar lens 4.5, 6 slides | 9 | 17 | 6 | 13 | 6 | 0 |

ENLARGERS.

| | | | | | | | |
|-----|--|---|----|---|----|---|---|
| 73. | ½-pl. Adams Enlarger, no lens, Nernst Projection lamp, 8¼ condenser | 7 | 18 | 6 | 14 | 5 | 0 |
|-----|--|---|----|---|----|---|---|

HAND AND STAND CAMERAS.

| | | | | | | | |
|-----|---|----|----|---|----|----|---|
| 74. | ½-pl. Lizars' Challenge De Luxe, Kram lens, 6 double slides, case | 5 | 7 | 6 | 8 | 2 | 0 |
| 75. | ½-pl. Sinclair Una, Ross-Goerz lens, 5 in., 3 slides | 10 | 7 | 6 | 13 | 15 | 0 |
| 76. | ½-pl. Adams Yale, Cooke lens, F/6.5, case | 4 | 7 | 6 | 11 | 0 | 6 |
| 77. | 5×4 No. 3 Adams Yale, Cooke lens, case | 8 | 8 | 0 | 16 | 16 | 0 |
| 78. | Postcard (5½×3½) Sanderson De Luxe, mahogany, brass bound, Ensign Series I, No. 2, 4 slides, 2 cases | 12 | 10 | 0 | 21 | 4 | 0 |
| 79. | 5×4 Adams Vaido, A model, 3 slides, no lens | 8 | 17 | 6 | 13 | 13 | 0 |
| 80. | 5×4 Sanderson De Luxe, Homo. F/6.8, compound shutter, 3 slides | 11 | 17 | 6 | 17 | 7 | 6 |

REFLEX CAMERAS.

| | | | | | | | |
|-----|--|----|----|---|----|----|---|
| 81. | 3½×2½ Adams Videx, 5½ in. Aeroplan lens F/4.8, 6 slides, case | 15 | 15 | 0 | 35 | 10 | 6 |
| 83. | ½-pl. Planex Reflex, Homo. lens F/6.3, Wishart slide, 12 envelopes | 8 | 17 | 6 | 15 | 10 | 0 |
| 84. | 5×4 Auto-Graflex No. 2.7 in. Goerz Dagor, 3 slides, F.P.A., case... .. | 12 | 17 | 6 | 27 | 17 | 6 |
| 85. | 5×4 Watson's Perspect Reflex, 7 in. Goerz, F/6.3, 3 slides, F.P.A. | 13 | 10 | 0 | 22 | 12 | 0 |
| 86. | Postcard (5½×3½) Soho Reflex (Tropical) 7 in. Tessar F/4.5, also Zeiss wide-angle film-pack adapter, 6 book slides, case, as new | 25 | 10 | 0 | 40 | 18 | 6 |
| 87. | Postcard (5½×3½) Adams Videx, 3 slides, case | 13 | 17 | 6 | 26 | 5 | 0 |
| 88. | ½-pl. N. & G. sq. Reflex, 8 in. Protar, F/6.3, slide, changing box, case | 27 | 10 | 0 | 55 | 16 | 0 |
| 90. | 5×4 Goerz Folding Reflex, Celor lens F/4.5, film pack adapter, case | 17 | 17 | 0 | 26 | 12 | 6 |
| 91. | ½-pl. Miral Reflex, slide, Cooke F/6.5, 12 pl. box, roll holder... .. | 9 | 17 | 6 | 21 | 16 | 0 |
| 92. | ½-pl. Adams Videx De Luxe, Zeiss Protar F/6.3, 6 slides, case | 22 | 10 | 0 | 38 | 8 | 6 |
| 93. | 5×4 Adams Videx, Voigtlander Heliar F/4.8, 3 slides, case | 16 | 15 | 0 | 37 | 15 | 0 |
| 94. | 5×4 Adams Videx Reflex, with Zeiss 6½ in. 2-foci Protar lens, Adams 12 pl. changing box, Adon telephoto lens, iso. screen, and leather case | 17 | 10 | 0 | 41 | 1 | 6 |
| 95. | 5×4 Adams Videx, no lens, 3 slides | 10 | 10 | 0 | 22 | 10 | 0 |
| 96. | Postcard Planex Reflex, Euryplan F/5.6, 3 slides, Mackenzie slide, case | 13 | 17 | 6 | 21 | 4 | 0 |

LENSES.

| | | | | | | | |
|-----|---|---|----|---|----|----|---|
| 97. | Dallmeyer 4 in. Tele-Negative, suitable for 8 in. F/6.3 lens, case | 2 | 10 | 0 | 5 | 2 | 6 |
| 98. | Zeiss Telephoto Tube No. 3, shutter and tele-negative lens, 75 mm. | 5 | 17 | 6 | 11 | 1 | 0 |
| 99. | Dallmeyer Adon telephoto lens | 2 | 5 | 0 | 3 | 10 | 0 |

STUDIO CAMERAS.

| | | | | | | | |
|------|--|----|----|---|----|----|---|
| 100. | ¼ Adams Universal, 1 double back | 5 | 17 | 6 | 8 | 8 | 0 |
| 101. | 12×12 Adams Universal, 1 single back | 6 | 10 | 0 | 10 | 10 | 0 |
| 102. | 12×12 Adams Universal, dbl. swing, repeating and dbl. back, very fine | 10 | 10 | 0 | 15 | 15 | 0 |