





Established in London in 1860

*

J. H. DALLMEYER LTD.

Manufacturers and Patentees of

PHOTOGRAPHIC LENSES

AND

APPARATUS

*

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ON and PRIVATE





TERMS OF BUSINESS

ORDERS

SHOULD be accompanied by remittance or letter of credit, unless references have previously been given and an account opened. Apparatus can also be sent on the cash on delivery system.

All orders are executed in rotation, and customers may represent their commands being executed with the utmost precision and promptitude. No instrument is allowed to leave the establishment until it has been finally tested and approved by one of our experts, thus guaranteeing that all specified conditions are perfectly fulfilled.

PACKING.

The greatest care is employed in packing, and every endeavour is made to ensure safe delivery of the apparatus. J. H. Dallmeyer Limited, therefore, do not hold themselves responsible for any damage that may occur in transit. Packing boxes are charged at the lowest rate, and are not returnable.

PRICES.

All prices are strictly net for cash. Apparatus made to order, or experimental work, must be paid for half in advance and half on delivery. All prices in this catalogue are subject to alteration without notice.

All previous lists cancelled.



INTRODUCTION

THE most valuable as well as the most important part of a photographic equipment is the lens. Even with a camera of indifferent make, excellent work can be done provided only that the lens is of good quality and suitable for the particular duty before it.

Dallmeyer Lenses represent the best in lenses for Photographic and Kinematograph purposes. Various series have been designed to meet the needs of the many different types of Cameras now on the market.

In testimony to the distinguished qualities of Dallmeyer Lenses, unsolicited letters are constantly received by us. The Mount Everest Expedition was equipped with Dallmeyer Lenses and the results were unexampled and unsurpassed.

To meet the requirements of our clients, we are at all times prepared to compute and manufacture special lenses. By this means we have supplied the full requirements of such well-known institutions as the Mount Wilson Observatory, The Lick Observatory, etc.

Dallmeyer Lenses are manufactured in a model factory at Wilseden, employing the latest machinery and appliances. Workers skilled in optical science are at our disposal in order to maintain the high standard of perfection which has been associated with the name of Dallmeyer for the last 60 years.

In order to avoid unnecessary correspondence, we beg to state that in some of the most useful of the new optical glasses the occurrence of a few small bubbles is unavoidable. Their presence is in no way detrimental to the performance of the lens, the only effect being the loss of an infinitesimal amount of light. In the most extreme case, this would be represented by a prolongation of the exposure by about one thousandth part. The definition is absolutely unaffected.

TI.





Taken with a Dallmeyer Patent Portrait Lens.



ADON TELEPHOTO LENS

Adjustable Type. Multiple Focus.

THE Adon is a variable-focus Telephoto Lens complete in itself, giving results superior to those obtained with a good positive Lens and Telephoto Attachment. It is designed for use alone, mounted in aluminium, and has a flange diameter of only 1-3 inches [33%]. It may be used on all sizes of cameras employing a focusing screen, the covering power being only limited by the extension available.

The Adon is composed of two achromatic combinations, the front a positive lens of $4\frac{1}{2}$ inches $(14\frac{2}{90})$ focal length and the back a negative lens of 2 inches $(508\frac{2}{90})$ focal length. A rack and pinion are provided for focusing, and an Iris Diaphragm with metal leaves.

The Adon gives variable magnifications of two, three, four, ten or more diameters, and covers a quarter-plate at 6 inches (152%) extension, a half-plate at 9 inches (225%) extension and larger sizes at longer extensions. At the same extension as the ordinary lens, the Adon gives a picture three times the size. By reason of its simplicity, internal reflecting surfaces are eliminated and brilliant pictures obtained.

The aerial magnification given by the Adon is preferable to the machanical magnification obtained by an enlarger, as in the latter case the grain of the negative is magnified.

Although the Adon is a Telephotographic Lens, it must not be imagined that its use is limited to distant objects. It can be used to advantage for Architecture, Portraiture, Landscapes, Natural History Work, etc.

The Adon weighs only 6 ozs. complete.

The illustration over-leaf shows clearly one of the many uses to which the Adon can be put to with advantage.

A Booklet dealing exclusively with the Adon gladly sent on request.









High Cliff Castle, Hants. Taken from the same position, with the Adon Lens. Approximately 3 magnifications,



NEW LARGE ADON

Telephoto Snapshots

f'4.5

THE New Large Adon is a fixed-focus telephoto lens of the largest aperture made and has been designed to meet the requirements of Photographers who wish for a lens of long focus and large aperture, but have not sufficient camera extension to allow of the use of an ordinary long-focus lens.

The camera extension necessary for objects at infinity is approximately 6½ inches (158%) i.e., a trifle over half the equivalent focal length of the lens. The aperture f/45 allows of photographs being taken under most unfavourable conditions of lighting.

For portraiture the enhanced perspective and improved modelling are very appreciable.

Mounted in aluminium with a flange diameter of only $2\frac{1}{2}$ inches $(62\frac{3m}{m})$ the New Large Adon is suitable for use on Reflex and Focal Plane Cameras.

The New Large Adon is complete in itself, and as simple to use as an ordinary lens. Exposures are the same as for all other lenses of the same aperture, but the pictures are on double the usual scale.

Made in 4-plate size only.





THE GRANDAC RAPID TELEPHOTO LENS

f/10

THE Grandac is a Telephoto Lens of variable focus and large parture consisting of a 10 inch (254%), f/4 1A Patent Portrait Lens and suitable negative lens. It is mounted in aluminium, has a flange diameter of 3½ inches (82%) and weighs approximately 3 lbs.

The 1A Patent Portrait Lens is specially adjusted for use with the negative lens but can be used alone if desired.

The No. I GRANDAC fitted with a 4' Negative [10] $^{m}_{20}$ covers a quarter plate at 6 inches [152 $^{m}_{20}$] extension, giving 25 inches (655 $^{m}_{20}$) focal length and aperture f/10. This means that, compared with the ordinary 5 inch (127 $^{m}_{20}$) lens, the photor grapher might have been five times as far away from his subject to get a picture of the same size, or conversely, at the same distance, his picture would have been five times as large.

The No. 2 GRANDAC fitted with a 5 inch $(127^{m_{\rm ph}}_{\rm inc})$ Negative covers a half-plate at 9 inches $(228^{m_{\rm ph}}_{\rm inc})$ extension, giving 28 inches $(709^{m_{\rm ph}}_{\rm inc})$ focal length and aperture f/11, and is otherwise similar to the No. 1.

At 9" (228%) extension the focal length is 28" (709%) and the aperture f/l1 ... 12" (328%) 34" (875%) 1/14 50" (1270%) //14 //20 the focal length increasing with the extension.

The Grandac is invaluable for natural history work, big game hunting, aerial photography, etc., as it allows the operator to be at a considerable distance from his subject and yet to obtain a large image.



DALLON ANASTIGMAT TELEPHOTO LENSES

THE introduction of the Series VI. f/5.6 and Series XVI f/7.7 Dallon Anastigmat Telephoto Lenses in 1920 having met with such remarkable success, we have decided to add to the series by adding

(International Section (Inc.)

two new series with apertures f/6.5 and f/6.8.

The Series XVIII. f/65 Dallons have been primarily designed for use on folding-plate cameras such as the Klimax, Klito, Vesta, 'N & G' Sibyls, etc. As with the original Series VI. and Series XVI., the equivalent focal length is approximately twice the camera extension. It is thus possible to obtain, on an ordinary camera, a much improved perspective as compared with that produced by an ordinary lens since the obtain means the distance.

by an ordinary lens, since the picture may be taken at twice the distance.

The lenses are fitted with a suitable thread to enable them to
be screwed into the front of the shutter, after the ordinary lenses have

been removed.

The Series XVII. //68 Dallons have been manufactured to supply the needs of those requiring a fixed-focus telephoto lens of high power with large aperture. Employing a camera extension of only 6 inches (152%) the 2 Series XVIII. Dallon gives an equivalent focal length of 15 inches (811%), i.e., a magnification of 2½ times

over the normal 6 inch (152m) lens.

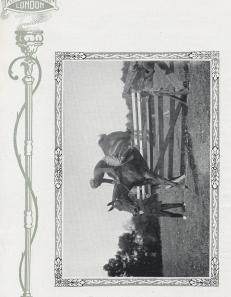
The salient feature of the Dallon Anastigmat Telephoto Lenses is their simplicity. A telephoto lens perfectly corrected for what are known as "colour" defects cannot be made, at any rate with our present knowledge of optics, with less than four glasses, therefore, on more than four glasses are used. Were more lense semployed, there would be a greater thickness of glass, and, in addition to increasing the weight of the lens, more light would be absorbed and the speed of the lens would be reduced. Again, wherever a surface of glass is in contact with the air, there is considerable loss of light due to reflection: it therefore becomes necessary, in order not to lese efficiency, to reduce the number of "air-glass" surfaces to a minimum, i.e., where possible to cement glasses together. The minimum number of air-glass surfaces is four—therefore, in this lens, only four such surfaces occur.

Dallon Anastigmat Telephoto Lenses cover the plate for which they are listed to the extreme corners with definition comparable with

that given by the best modern anastigmat.







Taken with a Dallmeyer Telephoto Lens.



DALLON

ANASTIGMAT TELEPHOTO LENSES

A CAMERA without a Dallon Anastigmat Fixed-separation Telephoto Lens is incomplete and out of date—do you realise that a camera which is not fitted with a Dallon Telephoto Lens is incapable of truthfully recording 70% of the subjects which are met with in, say, an afternoon's ramble through the countryside? That old church, for instance, is too far away to obtain a fair-size image with the ordinary lens, one shewing the detail, and beautiful carving. To get near is impossible, therefore the scene is never photographed. But had the camera been fitted with a Dallon Anastigmat Telephoto Lens, a large-scale picture could have been obtained, the detail and perspective being accurately recorded.

The comparative photographs reproduced overleaf were taken on \$\frac{1}{2}\$ plates. The subject selected, The New County Hall, Westminster, was impossible to approach in any other way, except by chartering a small boat. A photograph from the other side of the River taken with the ordinary 6" Lens, dwarfed the building and included an unnecessary amount of foreground. A Dallon was 'necessary, and, as shown in the lower illustration, truthfully reproduced the most exquisite part of the building on a scale sufficient to fill the full \$\frac{1}{2}\$ plate. The perspective and modelling have also been greatly enhanced.







THE DALLMEYER-BERGHEIM SOFT-FOCUS LENS

1/6.5 f/8 f/9

THIS Lens has been constructed to supply a want frequently expressed by photographers who devote themselves to the production of the highest rendering in portraiture, etc.

It is composed of two simple lenses (the front positive and the back negative), the distance between which is variable, thus providing a considerable latitude in focal length. The amount of spherical and chromatic aberration, due to the single uncorrected lenses, results in a certain amount of diffusion of focus, which produces the softness and delicacy aimed at by most artistic workers. The type of definition given at full aperture is such that there is no loss of structure in the resulting image, all detail being given, but softened to an extent that produces a harmonious whole without insisting on critical sharpness.

The Dallmeyer-Bergheim Soft-Focus Lens is quite free from the distortion so pronounced in the majority of soft-focus lenses.

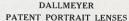
The No. 1 Dallmeyer-Bergheim is supplied in a specially designed aluminium mount suitable for use on Reflex Cameras.

The No. 2 is 11½" (292m) long and weighs 5½ lbs.

The No. 3 is $14\frac{1}{2}$ " (368 $\frac{m}{m}$) long and weighs $7\frac{1}{2}$ lbs.







Series A. f'4

NALLMEYER Patent Portrait Lenses are recognised the world over as the finest lenses procurable for rendering that exquisite definition and modelling so desirable in portraiture. The advantages of the Patent Portrait Lens are so numerous and generally recognised that we need but mention here a few of the reasons why the most eminent Photographers of the day choose a Dallmeyer Patent Portrait Lens in preference to an anastigmat lens for portraiture.

The definition given by a Dallmeyer Patent Portrait Lens in the centre of the plate (obviously the most important part for the portrait of one person) is far superior to that given by the best modern anastigmat of similar aperture and focal length.

The glass employed in the construction of a Dallmever Patent Portrait Lens is much more transparent than any which can be used in an anastigmat lens, consequently the portrait lens has a larger effective aperture.

The modelling, perspective and brilliancy of the negative obtained when using a Patent Portrait Lens is far superior to that obtained with the ordinary anastigmat lens.

The Series A. Patent Portrait Lenses, having an aperture of f/4, are suitable for busts, large heads, and three-quarter lengths, and by slightly stopping down, photographs of standing figures and groups are rendered possible.

Supplied in lacquered brass or black aluminium mounts, with iris diaphragm, also if desired in rack and pinion mounts with Waterhouse stops.





DALLMEYER

PATENT PORTRAIT LENSES

Series B. f3

THE Series B. Patent Portrait Lenses have been designed for instantaneous work in the studio, such as child studies, etc., where a large aperture is essential.

The No. 3 B. Patent Portrait Lens is well adapted for Cabinet size Portraits, the distance from lens to sitter for a standing figure being about 18 feet (85 c.m.)

Dallmeyer Patent Portrait Lenses are constructed on a different principle from the old Petzval type of Portrait Lenses, and excel them in definition, freedom from distortion and flare and in equality of illumination, whilst in addition to this, they afford the means, by a single turn of the mount, of giving soft pictures in which there is evenness of definition without unpleasant out-of-focus effects.

Supplied in lacquered brass or black aluminium mounts, with iris diaphragm, also if desired in rack and pinion mounts with Waterhouse stops.





DALLMEYER PATENT PORTRAIT LENSES

Series D. f 6

THE Series D. Patent Portrait Lenses are specially suitable for large and small groups, and in cases where great focal length is required, e.g., for Natural History and similar work when critical definition is required over a comparatively small angle.

The distance between sitter and lens for a standing figure for Cabinet size with the 3 D. Patent Portrait Lens is 18 feet $(85^\circ/_{m})$. The 2 D. Patent Portrait Lens requires only 14 feet $(66^\circ/_{m})$

These lenses are similar to the A. and B. series as regards soft-focus effects.

Supplied in lacquered brass or black aluminium mounts, with iris diaphragm, also if desired in rack and pinion mounts with Waterhouse stops.





DALLMEYER PERFAC LENSES

Series V. f.63

The Ideal Hand Camera Lens

THE Dallmeyer Series V. Perfac is an anastigmat lens of unsymmetrical construction primarily designed for use on single-extension Hand Cameras such as the Carbine, Ensign, Kodak, etc. Four glasses only are used, two in front of the diaphragm and two behind, the latter being cemented

The definition given from the centre to the edge of the plate which they are listed to cover is such as to allow of a degree of enlargement which is only limited by the grain of the plate.

Every care has been taken in the calculation and design of the lens, as well as in the manufacture and materials used, to make it as perfect as possible, and we have confidence that this anastigmat more than upholds the high standard of quality which has been associated with the name of Dallmeyer for over half a century.

Dallmeyer Perfac Anastigmat Lenses can be supplied in between-lens shutters, and are listed fitted to the majority of high class Folding Hand Cameras now on the market.





DALLMEYER SERRAC LENSES

Series XV. f/4.5

THE FASTEST f/4:5 ANASTIGMAT LENS.

THE Dallmeyer Serrac Lens marks a new era in the construction of large-aperture anastigmat lenses. Four glasses of exceptional transparency are used, two cemented behind the diaphragm and two uncemented in front.

The Serrac differs from other f/45 anastigmat lenses inasmuch as the diameter of the back glass is approximately equal to that of the front, thus ensuring equal illumination to the extreme corners of the plate. It is absolutely free from flare, so prevalent in lenses of large aperture, and owing to the small number of glasses employed, with only two air-spaces, a very small quantity of light is absorbed in passing through the lense

The definition given by the "Serrac" Lens is critical to the corners of the plate and will stand considerable enlargement. The circle of illumination is large and consequently allows of the full use of the rising front generally fitted to cameras.

Supplied in sunk mounts for reflex cameras, focusing mounts for folding focal plane cameras, and between-lens shutters for folding hand cameras.





DALLMEYER STIGMATIC LENSES

Series ii. f/6

A UNIVERSAL LENS

THE Dallmeyer Stigmatic Lens is a universal lens in the full sense of the word. Combining 4 Lenses in one in the spossibilities far beyond those of any other anastigmat lens.

The complete lens covers the plate for which it is listed with critical definition. It is fully corrected for comacolour, etc., and can satisfactorily be used for 3-colour work, the red, blue and yellow images being of exactly the same size.

The front component, which is fully corrected for attgmatism, can be used alone in its original position (i.e. the front of the mount) and will give twice the focal length of the complete lens with a corresponding reduction in aperture.

The back component, used alone in its normal position, will give an increase in focal length equal to half the normal focal length of the complete lens, the aperture being reduced accordingly.

The complete lens can be used on a much larger plate that which it is listed to cover, as a wide angle lens. For instance, the $\frac{1}{2}$ plate Stigmatic Lens, having a focal length of 5'3 inches (134%) can be used on an 8×5 or $8\frac{1}{8}\times6\frac{1}{9}$ bate as a wide angle lens embracing an angle of 90° . The aperture of the lens should of course be reduced to say f/16 in order to even up the illumination at the corners of the plate.







Norwich Choir, looking east. Taken with a 3 S ii. Stigmatic Lens on a † plate by A. J. Loughton, Esq.



DALLMEYER PENTAC LENSES

Series XIX. f/2.9

The largest aperture Anastigmat Lens.

THE new Dallmeyer Pentac Anastigmat Lens, having an aperture of f/2.9, creates a new standard in lenses of extreme aperture.

The Pentac is the only anastigmat lens produced having so large an aperture, and possessing such remarkable brilliance and perfect corrections.

The field is exceptionally flat and the definition is critical to the extreme corners of the plate.

The aperture f/2'9 is approximately 50% more rapid than an f/3'5 lens, with the result that photographs can be taken under most unfavourable conditions of lighting. This extreme aperture has been obtained without any loss of definition

Pentac anastigmat lenses in focal lengths of 8 inches (203%) and over are ideal for portraiture. They can be supplied if desired in an adjustable mount enabling soft pictures to be obtained at will.







DALLMEYER

High-Power

FOCUSING GLASSES

THE new Dallmeyer Focusing Magnifier is a perfectly achromatic focusing glass possessing a large field of good definition. Mounted in Brass, with an adjustable ring to enable them to be accurately set for each observer, these glasses are useful for examining negatives. For high power telephoto, process work, kinematography, etc., they are essential

The magnifying power is approximately 10 times, and the depth of field has been reduced to the minimum, thus allowing greater accuracy in use.





DALLMEYER PROCESS LENSES

DALLMEYER Process Lenses are the most perfectly corrected anastigmat Lenses obtainable. The definition, covering power and colour corrections are as perfect as it is possible to obtain.

The Series VIII. Process Lens, which is constructed somewhat on the lines of the Dallmeyer Series ii. Stigmatic, is made in focal lengths from 14 inches (355 m) to 30 inches (762 m), apertures 1/95 to 1/10.

This series is specially recommended for threecolour work and in all cases where a lens of the highest optical accuracy is necessary.

The Series IX. Process Lens has been designed primarily for newspaper work, etc., where a lens corrected for Black and White is all that is necessary. It is made in focal lengths from 14 inches (555%) to 30 inches (762%) with an aperture of f/11.

An Iris Diaphragm is fitted to all mounts, also a slot to receive special stops necessary for half-tone and colour work.

We recommend a Process Lens of the longest focus possible for use with a prism, as the use of the prism tends to reduce the angle of view.





DALLMEYER PRISMS

DALLMEYER Prisms are fitted in special mounts for use with our Series VIII. and Series IX. Process Lenses, but can be supplied mounted to fit other lenses to order. Unmounted prisms are also supplied.

The glass generally employed in the manufacture of Dallmeyer Prisms is of a type commonly known as Borosilicate Crown, which is practically colourless.

The surface of the hypotenuse is silvered and suitably protected.

The mount holding the prism is fitted with a revolving ring capable of being locked in any position, and thus the prism can be set at any angle.

Made in all sizes from 2 inches (50.4 $\frac{m}{m}$) to 5 inches (127 $\frac{m}{m}$) (diameter of face).





PACKARD-IDEAL SHUTTERS

The Ideal Studio Shutter.

THIS shutter is designed for studio work, and is fitted to the camera front on the inside: its thickness is only 3/16 of an inch. The construction is such that exposure is greatest in that part of the plate which most needs it, and it may be set open for focusing; the action is rapid, silent and reliable, and the mechanism is so simple that there is practically no jar or vibration during exposure, and thus friction and consequent wear are reduced to a minimum. The absence of "rattle" or "click" in opening is also a conspicuous feature.

The Packard-Ideal Shutter is made in all sizes from 1! inches (187%) to 5 inches (127%) opening. Two models are available, No. 5 for Time exposures only, and No. 6 for Time and Instantaneous exposures, the exposure depending on the pressure put upon the ball.

The material, workmanship, and finish are of the best—all shutters being well made, mechanically perfect and carefully finished.







"ILEX" ACME SHUTTER

THIS shutter, while built to meet the demand for an extraordinarily fast speed, has all the advantages of the slower speeds.

Positive and accurate speeds and exact variations under all conditions are secured by the "Ilex" Gear Combination. working in co-operation with the Auxiliary speed adjuster, both of which are employed in its construction.

The entire mechanism is controlled automatically by one dial operating in either direction, instead of two separate indicators that interlock against one another. The different speeds indicated on the dial are exactly those obtained. It is impossible for them to vary under any conditions.

It has a speed of 1/300th second, and is capable of photographing most of the fastest moving objects. In addition to Time and Bulb, the available speeds are as follows: -1, 1/2, 1/5, 1/25, 1/50, 1/100, 1/200, 1/300. second.

"ILEX" UNIVERSAL SHUTTER

The "Universal" Shutter is a good trustworthy between-lens shutter somewhat similar in design to the "Acme." It is quite automatic in action and does not require setting. In addition to Time and Bulb, the speeds available are as follows: -1, 1/2, 1/5, 1/25, 1/50, 1/100. 1/150 second





THE NATURALIST'S REFLEX CAMERA

THE Dallmeyer Naturalist's Reflex Camera has been designed for the use of Naturalists, Zoologists, Big Game Hunters, and others with the view of enabling them to photograph living and inanimate objects at such distances as would otherwise prevent good results. The Naturalist's Camera is fitted with a Grandac Telephoto Lens, which enables one to obtain large images of distant objects, at the same time affording the possibility of accurately observing up to the moment of exposure the subject it is desired to photograph. The Telephotographic Lens, the part of primary importance, gives an equivalent focal length of 25 inches (635m) with the camera closed, i.e., a minimum extension of 6 inches. (152m), the aperture being f/10. This aperture is sufficient to allow of focal-plane exposures being given under favourable conditions of lighting. The camera has an extra extension of 4½ inches (114m), thus at its maximum extension of 10½ inches (266m) an equivalent focal length of 36 inches (912m) can be obtained with an aperture of f/14.

The Naturalist's Camera is supplied complete with two extra fronts, one allowing the use of short-focus large-aperture lenses such as the 51 inch (134m) f/4.5 Dallmeyer Serrac Lens, the other allowing the front portion of the Grandac Lens to be used alone, giving a focal length of 10 inches (254 m) with a working aperture

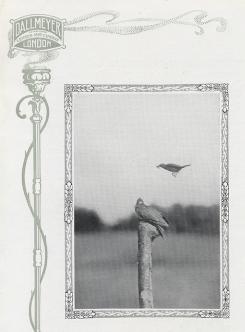
of f/4.

The focal-plane shutter fitted gives speeds from 1/16th second to 1/800th second, also Time and Bulb. The mirror is quite independent of the shutter.

The camera is well made of seasoned mahogany and fitted with revolving back.

Models can be supplied specially made for use in the tropics. Price List and Specifications at end of Catalogue.





Taken with a Dallmeyer Lens on a Naturalist's Reflex Camera by O. J. Wilkinson



THE SINCLAIR "UNA"

Hand and Stand Camera.

THE Sinclair "Una" has many years' reputation as an instrument of the highest class. The design is excellent and possesses the great merit of simplicity, although its range of movements is such that all the requirements of the practical worker are met. The finder, level and focusing scale are arranged on one side of the camera so that they can all be seen at the same time, and the instrument can be recommended for either hand or stand use.

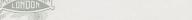
The "Una" Rising and Swing Front. An important feature of the Sinclair "Una" is the rigidity of the front, and this makes it exceedingly suitable for Telephotographic work. It has a very considerable rise and a central swing movement.

The "Una" Extending Baseboard. The double extension is sufficient to allow objects to be copied the same size with the lens usually fitted.

The "Una" Revolving Back. The back of the Camera is fitted with a light tight turntable which can be revolved with the plate holder in position and the sheath drawn.

The "Una" Plate Holders differ materially from other plate holders of apparently similar design. The pull-out shutters are made of fine hard rubber and each holder is fitted with auto safety catches to obviate double exposure.





LEDON REFLEX CAMERA

THE Ledon Reflex Camera represents the highest perfection in Reflex Camera design. The mirror and shutter mechanism is exceedingly efficient.

The camera, which is made of well seasoned mahogany, is covered with real morocco leather, has a minimum extension of 6 inches $(152^{+}_{10}^{+})$ when closed and a maximum extension of 10 inches (254^{+}_{10}) when fully opened.

□ The lens of the shortest focus which can be satisfactorily used on the ¼ plate model has a focal length of 5¼ inches (134%). The front of the camera is fitted with a rise and fall actuated by a rack, and lenses up to 3¼ inches (82%) in diameter can be accommodated with ease.

Owing to the special design of the mirror, long-focus lenses, such as our Dallon Anastigmat Telephoto Lenses, can be satisfactorily used.

The camera is supplied fitted with a revolving back, and has shutter speeds from $1/16\,$ sec., to $1/800\mathrm{th}$ sec., including Time and Bulb.





"N & G" FOLDING POCKET SIBYL CAMERA

Plate and Roll Film Models

ALL models of the "N. & G." SIBYL Cameras can be supplied fitted with Dallmeyer f/4'5 Serrac Lenses. A special model of the Dallmeyer f/6'5 Dallon Lens is made for use interchangeably with the Serrac fitted in cameras designed for use with plates.

This combination dispenses with the necessity for doubleextension in such cameras, while it also provides a long-focus lens, which works at a large aperture, giving critical definition all over the plate. The compactness and lightness of the camera are also retained.

also retained.

The Dallon is not interchangeable on Roll Film models, as the back cell of the normal lens cannot be removed when the spool is in position.

"N. & C." SIBYL Cameras embody the maximum lightness and portability, combined with the greatest accuracy, and precision of manufacture.

The makers give individual attention to every camera turned out, in the following important particulars of assembly:—

Shutter calibration, lens mounting, parallelism, rigidity and all scaling. Shutter speeds are guaranteed correct within 10% of marking, and focusing scales are guaranteed accurate.

SIBYL Cameras can be relied upon for use in all climates. With the exception of a small amount of finest seasoned mahogany in Roll Film Models, all Sibyls are of metal construction throughout, and covered with hard-grain morocco leather.







PATENT FOLDING REFLEX CAMERA

Fitted with DALLMEYER f/4.5 Serrac and f/5'6 DALLON Lenses in Focusing Mounts.

THE explanation of "N & G's" world-wide reputation for ingenuity of design is revealed in their latest production, the new 3½ × 2½ Folding Reflex Camera. Every desirable feature for a Reflex Camera is assimilated, and the objectionable features of the old types of Folding Reflex Cameras have been avoided.

Weight and bulk have been reduced to the minimum, and when folded for carrying, the dimensions of the camera including projections are: $-6\frac{1}{8}$ inches high \times 6 inches wide \times $3\frac{7}{16}$ inches thick, the weight being only 34 lbs. To erect the camera for use occupies only a few seconds, and it may be closed even more quickly. The hood is self-erecting, and fitted with magnifiers for easy focusing. The camera is very remarkable for rigidity of front. There is no rack, the camera being fitted with a lens in a focusing jacket. Both lenses are mounted in quick change flanges so that the change over can be effected in a moment. The front panel has horizontal swing front movement with worm screw adjustment, allowing the lens to be swung on horizontal axis. The mirror is full size, and sufficient to give total reflection

of image, as received by plate. The mirror action shows careful design. It is perfectly balanced, almost silent and very accurately set.

The shutter is of entirely new make, self-capping, quickwinding, having full range of speeds from 1/10th to 1/800th of a second, and direct Time and Ball movement. With a ball and tube (using ball movement and time valve), slow exposures of from 3 seconds to 1/8th of a second can be obtained. The shutter release is placed conveniently for releasing with the left hand, leaving the right hand free for focusing.





FOLDING "ENSIGN-KLITO de LUXE"

No. 9

Double Extension. For Plates 41" × 31" (4-plate)

THIS British-made camera is one of the best that has been pulson the market. The metal baseboard is blackened and polished like the body, which is also of metal, covered on the outside with morocco leather.

All the fittings are nickled, the travelling base is worked by a rack and pinion and a double extension is obtainable. The stirrup front and new lever device for raising and lowering the lens, the large finder and adjustable infinity catch are all points to be noted. The whole apparatus is very rigid and compact.

The size of this camera when closed is $5\frac{7}{8}$ ($148\frac{m}{m}$) \times $4\frac{1}{2}$ ($114\frac{m}{m}$) \times $2\frac{1}{4}$ inches ($37\frac{m}{m}$).

The "Ensign de Luxe" embodies the following special formers:—Finest quality metal body and base with stirrup front, lever cross front and lever rising front. New type of travelling carriage, leather bellows, new pattern infinity catch, large reversible view-finder with level. Ilex-Acme Shutter, I sec. to 1/190th sec. Flexible wire release.

Two single metal slides are supplied with each camera. Price List and Specifications at end of Catalogue.







THE "ENSIGN de LUXE" REFLEX CAMERA

THE "Ensign de Luxe" Reflex is covered with the finest morocco leather, all woodwork is polished and the fittings are finished in hard black enamel. The "Ensign de Luxe" is fitted with a simple shutter of the focal-plane type.

The Blind is self-capping, and all complicated tension adjustments and other cumbersome fittings are dispensed with. There is no possibility of giving Time or Bulb exposures when

"instantaneous" is intended. Approximate Shutter speeds:— 1/15th, 1/25th, 1/40th, 1/50th, 1/100th, 1/150th, 1/250th, 1/500th, 1/1000th, Time and Bulb. These speeds are all indicated on the plate of the key-wind; no reference to a speed table is necessary.

The special features of the "Ensign de Luxe" Reflex are:-The perfect balance of the mirror ensures that exposures are made without vibration. The sky-shade is hinged on the front panel, and forms a protection for the lens when the camera is not in use. The hood rises and sets itself automatically. It also reverses, enabling the operator to take pictures at right angles to the direction in which he is apparently looking. Focusing is effected by means of a milled-edged knob on the side opposite the release.

There are many other features, such as a revolving back (except on the post-card size), sunk lens-cone, rising and falling

front





"CARBINE" CAMERAS

ROLL FILMS OR PLATES

No. 5

"CARBINE" Cameras are substantially made of well-seasoned wood, covered with finest morocco leather. real-leather bellows, an extra long double-extension baseboard, very rigid at the full extension, and fitted with nickel-plated double-action struts.

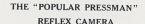
Focusing is carried out by means of the rack and pinion fitted to the travelling base-board. The front of the camera is of cast aluminium alloy, very substantial and rigid, on which the lens front is made to rise and fall by a radial lever. The trolly block has provision for a cross movement.

The focusing scale is of new design combining plates and films, and the camera back is fitted with reversible flush panel to allow for the use of dark slides and focusing screen.

"Carbine" cameras are supplied complete with finder adjustable for horizontal and vertical positions, also with Wire Release and one Plate-holder.







THE "Popular Pressman" Reflex is a well made Reflex Camera produced at a popular price. The body is made of mahogany covered with morocco-grained leather, and all the external fittings are enamelled black.

The focusing hood is of ample size and effectively protects the focusing screen from strong light.

The shutter, which is constructed on the permanent slit principle, gives approximate exposures from 1/15 of a second to 1/1000 of a second, together with Time.

The camera is fitted with a reversing back in the 4 plate size and supplied complete with three metal slides.

The post card model is made for use with horizontal pictures

only; for vertical pictures it must be held on its side.

Price List and Specifications at end of Catalogue.





"T.P." IMPERIAL FIELD CAMERA

THE Imperial Triple-extension Camera is an ideal stand camera possessing a strong, yet light framework, long extension, wide front, deep wide-mouthed bellows, side swing, independent rise, fall and cross movement for wide-angle work.

To the half-plate and larger sizes a third pinion and extra race are fitted, which provides a mechanical focusing to the body; tak are fitted, which provides a mechanical focusing to the body; tak adjustment is of great value when copying. Another feature is the spring stretchers fitted to both front and back of camera, automatically locking them in true perpendicular to the baseboard, and consequently parallel with each other, thus greatly assisting in the ease and rapidity of erecting the camera for use.

The resources of the camera are practically unlimited. With it any class of work can be successfully carried out. Further, it possesses that solid rigidity in every position which is so essential to success.

The Imperial is a sound, practical camera, suitable for the inexperienced, but will satisfy the needs of the most advanced worker.

Made in sizes from $4\frac{1}{4} \times 3\frac{1}{4}$ to 12×10 inches.

Price List and Specifications at end of catalogue.





"TP" DUPLEX REFLEX CAMERA

THE Duplex Reflex Camera has a body made of mahogany, covered with fine seal-grained leather. The camera is fitted with a rising and falling front, reversible lens-box, with sky-shade, reversible hood, automatic self-locking revolving back, everset silver-surfaced mirror, latest and most perfect quickwind, self-capping Ruby Focal Plane Shutter, giving speeds from 1/10th to 1/1000th second, Time and Bulb.

Three double dark slides are supplied with each camera. A special Overseas model made of seasoned teak, brass bound throughout can be supplied.

Made in all sizes from $3\frac{1}{2}\times2\frac{1}{2}$ (6 \times 9 c/m) to 7 \times 5 (13 \times 18 c/m).

Price List and Specifications at end of Catalogue.



Illustration of Teak Duplex Ruby.



BRITISH ANSCHUTZ CAMERA

THE British Anschutz Camera has been designed for Press, Tropical and Advanced Amateur Photographers.

It is light, compact, extremely rigid when open, quick to use and provides a range of speeds more extensive than that given by the ordinary between-lens shutter fitted to the majority of hand cameras.

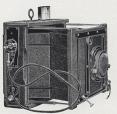
The body of the camera is made of 'well seasoned mahogany, reinforced at the corners by brass binding.

The inner back-frame is of metal, and the front main panel is in one piece which gives a secure holding for the strut brackets.

The focal-plane shutter fitted has two slots, one being of three width, namely, the full width of the plate, and the other adjustable by a single movement of the blind itself. The former gives exposures of 1/8 to 1/30 of a second and Time and Bulb. The latter, gives higher speeds from 1/30 to 1/1000 of a second.

On account of its simplicity and strength the British Anschutz Camera can be thoroughly recommended for use in tropical climates.

Price List and Specification at end of Catalogue.



MODEL, A .- Open for use.



ANSCO V. P. CAMERA

No 2

THE Ansco V.P. No. 2 is a focusing camera fitted with a Dallmeyer Perfac Anastigmat Lens. It is designed to make pictures $2\frac{1}{4} \times 3\frac{1}{4}$ inches in size.

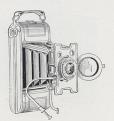
The shutter fitted allows of speeds from 1/10th to 1/200th of a second, and in addition Time and Bulb exposures can be

It can be used as a fixed-focus camera by setting the scale at 25 feet, and using f/16 diaphragm opening.

The micrometer focusing device, which permits accurate focusing for distances of 100, 25, 15, and 6 feet, is a unique feature. It consists of a milled wheel and flange which may be operated instantly and easily while locating the object in the finder. When the camera beliows is extended and the lens-cap opened, a simple turn of the wheel enables the operator to set the focus at the point desired.

The construction is such that the metal parts are concealed when the bellows is closed. The side arms are supported within the body of the camera, and when extended afford, by means of their knife-ioint tension, absolute rigidity in the lens plane.

The camera is fitted with a hinged watch-cover lid to protect the lens from dust, moisture, etc., vertical and horizontal brilliant view finders, stationary footrests for support in either upright or flat position, heavily nickelled metal parts and genuine fine black morocco leather.





THE ADAMS MINEX REFLEX CAMERA

THE Adams Minex Reflex Camera is a high-grade Camera embodying the following features:

- The revolving back automatically masks pictures on top focusing screen.
- 2. The self-capping, focal-plane shutter allows of speeds from 3 seconds to 1/1000 of a second. Threequarters of a turn of shutter knob sets shutter, also mirror.
- 3. The extra focusing screen for back of camera, also three double-dark slides, are all self-contained inside the camera (except stereo).
- 4. The mirror system is entirely free from vibration. Wherever picture is seen shutter is set; error impossible.
 - 5. Magnifiers fitted inside hood.
- 6. Brass screws throughout, also gilded and lacquered springs.

Mirror is adjustable for rapidity of movement.

Special models are supplied for use in the tropics.

Made in all sizes from $3\frac{1}{2} \times 2\frac{1}{2}$ to $\frac{1}{2}$ plate.

Price List and Specifications at end of Catalogue.







ILLUSTRATED CATALOGUE

DALLMEYER

BRITISH MADE

Kinematograph Lenses

Apparatus

GLADLY SENT ON REQUEST.

PRICE LIST

— OF —

DALLMEYER LENSES

— AND —

APPARATUS

DALLON

Anastigmat Fixed-Separation Telephoto Lens Series VI. f/5·6

						S	eri	es	VI.	f/5·	6					L	EA	F١	1.
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ADON TELEPHOTO LENS

Adjustable Type. Multiple Focus.

for Lens only.		Price	
Capac	The Adon Lens complete with flange Spare flange for Adon 13' (33'%) inside dia. Leather Case for Adon Light Sliding Hood to increase brillinncy Cap to fit Hood and measuring tapp Wratten, K1, K1, K2 or K4 Filter in screw cell Morcco Leather Case for Screen	5 0 0 3 6 6 0 5 0 2 0 5 0 15 0	1
	Telephotography by C. F. Lan-Davis, F.R.P.S. 2nd Edition	3 6	-
	I" Negative for Adon	2 0 0	

NEW LARGE ADON

A 0 0		Non-Mili	2 Series XI	. f 4.5		LEAF IV.	
Code Name for Lens Only Rigid Mount	No.	Plate Size	Equivalent Focal Length	Infinity back cell to screen	Price Iris Diaphragm	Price Focusing Mount	
Camac	Cap Lea Wra Mo Spa Il Spa F	ht Sliding lancy to fit Hood ther Case strew cell for rocco Leath re Flange 2 ris Mount re Flange 2.		Filter in side dia.	10 6 3 6 1 1 0 1 0 0 5 6 7 0	6 s. d. 16 10 0	

PATENT PORTRAIT LENSES

Series A. f/4.

LEAF VI.

Code Name for Lens	No.	Plate size	Focal length	Price Iris Dia-	Spare Flange	Flange diameter	Price s Packard-Id	uitable leal Shutter
Dabap Dacap Dadap Dafap Dagap Dajap	1A 1A Bis 2A 3A 4A 5A	in. 5×4 5½×3½ 6×4 8½×6½ 10×8 15×12	in. % 10 254 12 305 13½ 342 16 406 18 457 22 559	## 16 18 22 30 43 50	£ s. d. 9 0 11 0 12 0 14 0 15 0 1	in. % 3·2 81 3·9 89 4·2 106 4·6 116 5·1 129 6·0 152	No. 5 £ s. d. 2 0 0 2 0 0 2 0 0 2 2 6 2 10 0	No. 6 2 7 6 2 7 6 2 7 6 2 7 6 2 10 0 3 0 0
Dalap	6A f/4·8	20×16	30 762	60	1 5 0	7.05 179	=	=

Add "ing" to Code for Rack and Pinion Mount.

Series B. f/3.

LEAF VII.

Bafap Bagap	1B 2B 3B 4B Bis 4B f/3·8	$\begin{array}{c} 3\frac{1}{4} \times 3\frac{1}{4} \\ 3\frac{1}{2} \times 2\frac{1}{2} \\ 6 \times 4 \\ 6 \times 4 \\ 8\frac{1}{2} \times 6\frac{1}{2} \end{array}$	6 81 11 131 17	152 210 279 342 431	8 16 22 43 43	7 9 12 15 15	0 0 0 0 0	2·5 3·2 4·2 5·1 5·1	63 81 106 129 129	2 2 2 2 2	10	0 0 6 0 0	2 2 2 3 3	7 7 10 0 5	6 6 0 0 0	}
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Add "ing" to Code for Rack and Pinion Mount.

Series D. f/6.

LEAF VII.

Fabap Facap Fadap Fafap Fagap Fajay Falay Famay	2D 6½ 4¾ 3D 8is 8½ 6½ 4D 10×8 5D 12×10 6D 15×12 7D 18×16 8D 22×20	9 228 12½ 317 14¾ 374 17 431 19 482 24 609 30½ 774 37 940	8 10 14 16 18 30 43 50	5 0 8 0 9 0 10 0 11 0 14 0 1 0 0 1 5 0	2·0 50 2·75 69 3·2 81 3·4 86 3·9 98 4·6 116 6 152 7·05 179	1 15 0 1 17 6 1 17 6 2 0 0 2 0 0 2 2 6 2 15 0	2 2 6 2 5 0 2 5 0 2 7 6 2 7 6 2 10 0 3 5 0
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Add "ing" to Code for Rack and Pinion Mount.

GRANDAC

Rapid Telephoto Lens, f/10

LEAF IV.

Code Name for Lens only	No.	Aperture	Plate Size	Price	Leather Case	Wratten K Filter	Morocco Leather Case for Filter	
Casap Catap	1 2	#/10 #/11	4½×3½ 6½×4¾	£ s. d. 26 0 0 28 0 0	£ s. d. 1 17 6 1 17 6	£ s. d. 1 0 0 1 3 0	s. d. 5 6 6 6	1
Calculat	or ar	d Measu	ring Tap	e for No. 1	or No. 2 G	randac	5 0	}

Spare Flange for No. 1 or No. 2 Grandac 3-2 (82%) dia.)

DALLMEYER-BERGHEIM

Soft-Focus Lens

LEAF VI.

Code Name for Lens only	No.	Aperture	Plate size	Equivalent Focal length	Camera Extension	Price Iris Diaphragm	Price Flange	Dia. Flange
Ranap Racap Ralap	1 2 3	f/6·5-f/20 f/8-f/12 f/9-f/15	4½×3½ to 6½×4½ 8½×6½ to 15×12 10×8 to Life size	in. 12½-36 25-40 35-55	in. 10-25 15-22½ 12-30	\$ s. d. 9 0 0 17 0 0 20 0 0	s. d. 7 6 11 0 14 0	in. 2·5 3·9 4·6 }

DALLMEYER PENTAC ANASTIGMAT LENSES

Series XIX, f/2-9

LEAF X.

Code Name for				Pr	ice	Price f	ange	Diameter Flange				
Lens Only Rigid Mount	No.	Plate Size	Focal length	Iris Mount Rigid	Focusing Mount	Rigid	Focus- ing	Rigid	Focusing			
Wabay Wacay Waday	1A 1 2	in. 1 × 3 1 × 3 1 × 3	in. % 38 1½ 38 2 50 2½ 63	8 15 0 8 15 0 9 15 0	£ s. d. 10 0 0 10 0 0 11 0 0	4/- 4/- 4/-	4/- 4/- 4/-6	in. % 1½ 31 1½ 31 1½ 31	in. % 11 31 11 31 11 38			
Wafay Wanay Wapay	3 4 5	4½×6 c/m 4½×3½ 5 ×4	3 76 6 152 8 203	10 10 0 18 0 0 24 0 0	11 15 0	5/6	4/6	11 31 21 57	13 44			
Waray Wasay	6	6½×4¾ 7×5	10 254 12 304	32 0 0 40 0 0	=	16/-	=	5 127	= = -			

Add "ing" to Code for Foc. Mount.

Extra for Diffusion Mount. £2 10 0 all sizes from No. 4 to No. 7.

DALLMEYER STIGMATIC LENSES

Series ii. f/6.

LEAF IX.

Code Name for Lens Only Rigid Mount	No.	Plate Size	Focal le	ength	Iris R	Mon	unt	ice In Si	Acn	ne	Price Flange	Fla Dian	nge	
Jacay Jaday Jagay Jahay Jalay Jamay Janay Japay Jaray	1A 1 2 3 4 5 6 7 8	in. 3½×2½ 3½×3¼ 4½×3¼ 5×4 6½×4¾ 8×5 8½×6½ 10×8 12×10	in. 4 4·5 5·3 6·4 7·6 9 10·7 12·7 15·1	101 114 134 163 193 228 271 322 383	7 8 9	5 0 10 0 10 10 0 0 0	d. 0 0 0 0 0 0 0 0 0	9 10 10 12 15 16 21	12 12 7 15 15 0	d. 6 6 6 6 6 0 0	4/- 4/- 4/- 4/- 5/- 6/- 7/- 8/- 9/-	in. 11/4 11/4 11/4 11/4 11/4 11/4 11/4 11/	31 31 38 38 38 50 57 63 69 81	}

Add "Valay" to Code for Lens in Acme Shutter.

		Single	Componen	ts	Plate covered		Price
No.	Approx. Front Ba		Ape Ap Front	prox. Back	at f/16. Angle 90° approx.	Price Hood	Wratten K Filter
1A 1 2 3 4 5 6 7 8	in. 8 9 10.6 12.8 15.2 18 21.4 25.4 30.2	6 6.75 7.9 9.6 11.5 13.5 16 19 22.6	f/12 f/12 f/12 f/12 f/12 f/12 f/12 f/12	1/9 1/9 1/9 1/9 1/9 1/9 1/9	$\begin{array}{c} 5\times 4 \\ 6\frac{1}{2}\times 4\frac{1}{4} \\ 8\times 5 \\ 8\frac{1}{2}\times 6\frac{1}{2} \\ 10\times 8 \\ 12\times 10 \\ 15\times 12 \\ 15\times 15 \\ 18\times 16 \end{array}$	5/- 5/- 5/- 5/- 7/6 7/6 7/6 8/6 9/6	\$ s. d. 15 0 15 0 17 6 17 6 1 0 0 1 0 0 1 3 0 1 3 0 1 3 0

THE DALLMEYER HIGH-POWER FOCUSING GLASS

LEAF X.

Code Name Magnay	High-Power Focusing Glass in Brass Morocco Leather Case for above	::			£ 2	s. 0 5	d. 0 0	A
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DALLMEYER PERFAC ANASTIGMAT LENSES

Series V. f/6-3

LEAF VIII.

Code name for Lens only. Rigid Mount	No.	Plate size	Focal length	Price Rigid Mount	Price in Acme Shutter	Price in Universal Shutter	Price Flange	Flange Diameter
Gabap Matag Gacap Mavag Gadap Gaeap Gafap Gagap Gahap Gajap Galay Gamay Ganay	1A 1B 1 2A 2 3 3A 4 5 6 7 //8 8 //8 9 //8	3½×2½ 3½×2½ 3½×2½ 4½×3½ 4½×3½ 5×4 5½×3½ 6½×4½ 7×5 8½×6½ 10×8 12×10 15×12	in. 76 3 76 3½ 89 4 101 4% 119 5-3 134 6 152 6½ 165 7½ 190 8½ 215 10 254 12½ 317 14½ 368 18 457	£ s. d. 4 0 0 4 5 0 4 15 0 4 15 0 5 10 0 5 10 0 6 0 0 7 0 0 8 10 0 11 10 0 12 0 0 20 0 0 24 0 0	\$ a. d. 7 12 6 7 17 6 8 2 6 8 7 6 8 12 6 9 17 6 9 17 6 12 10 0 17 15 0 18 5 0 27 0	£ s. d. 6 7 6 6 12 6 6 17 2 6 7 7 2 6 7 7 6 8 2 6 8 12 6	4/- 4/- 4/- 4/- 4/- 4/- 4/- 4/- 4/- 4/-	in. % 11 31 11 31 11 38 11 38 11 38 11 38 11 38 11 52 38 11 5625 41 2 50 21 57 21 57 21 63 3 76

Add "Valay" to Code for Lens in Acme Shutter.

., "Vamay" ,, ,, ,, Universal ,,

DALLMEYER SERRAC ANASTIGMAT LENSES

Series XV. f/4.5

LEAF VIII.

Code Name for Lens	No.	Plate size	Focal	Price Rigid or	Price Focusing	Price in Acme	Price I	Flange	Fla	ia. nge	
Rigid Mount	1	1 110 010	length	Sunk Mount	Mount	Shutter	Rigid	Foc.	Rigid	Foc.	
Habap Mawag Hacap Hadap Hafap Hafap Hagap Hajap Halap Hamap	1A 1B 1 2 3 3A 4 5 6 7	$\begin{array}{c} 4\frac{1}{2}\times 6 \text{ c/m} \\ 3\frac{1}{4}\times 2\frac{1}{2} \\ 3\frac{1}{2}\times 2\frac{1}{2} \\ 4\frac{1}{2}\times 3\frac{1}{2} \\ 5\times 4 \\ 5\frac{1}{2}\times 3\frac{1}{2} \\ 6\frac{1}{2}\times 4\frac{1}{2} \\ 7\times 5 \\ 8\frac{1}{2}\times 6\frac{1}{2} \\ 10\times 8 \end{array}$	in. 76 31 89 41 114 5-3 134 6 6 152 61 165 71 190 81 215 12 304 16 406	£ s. d. 6 0 0 6 10 0 7 0 0 8 0 0 0 10 0 0 12 0 0 0 12 0 0 0 32 0 0	£ s. d. 	\$ s. d. 9 12 6 10 2 6 10 17 6 13 10 0 15 15 0 17 0 0	4/- 4/- 4/- 5/- 5/- 5/- 6/- 7/- 9/- 13/-	5/6 5/6 6/- 7/- 8/-	in. 114 114 114 114 114 114 114 114 114 11	in. — 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A

Add "ing" to Code for Focusing Mount.
,, "Valay" ,, Acme Shutter.

PACKARD IDEAL SHUTTERS

LEAF XII.

SIZES AND PRICES (Complete with Ball and Tube)

Diameter of Opening	Outside Dimensions	No. 5 For Time only	No. 6 Time and Instantaneous
in. % 81 38 13 44 22 50 24 57 22 63 37 6 314 82 31 95 4 101 41 114 5 127	3½ 82 3½ 89 4 101 4½ 114 4⅓ 120 5 127 5¾ 146 6 152 6½ 165 7 177 7½ 190 8 203 8½ 215	\$. d. 1 15.0 1 15.0 1 17.6 1 17.6 2 0 0 2 0 0 2 0 0 2 0 0 2 2 0 0 2 2 6 2 2 6 2 15 0	\$. d. 2 2 6 6 2 5 0 0 2 5 0 0 2 7 6 6 2 7 6 6 2 7 6 2 10 6 2 10 6 2 10 0 0 3 5 0 0 0 3 5 0 0

Extra Ball and Tube, 6/-

"ILEX" ACME SHUTTERS

LEAF XII.

SIZES AND PRICES

No.	Largest Aperture	Diameter of Interior Barrel	Outside diameter of Shutter	Price
00	17	22	48	\$\frac{\x}{3} \frac{12}{12} \frac{d}{6}\$ \$\frac{3}{3} \frac{12}{2} \frac{6}{6}\$ \$\frac{3}{3} \frac{17}{12} \frac{6}{6}\$ \$\frac{5}{5} \frac{10}{0} \frac{0}{6}\$ \$\frac{5}{7} \frac{0}{0} \frac{0}{0}\$ align*
0	19	27	52	
1	25	31	58	
2	28	37	66	
-3	35	45	78	
4	45	60	97	

Antinous Release, 2/6 extra.

"ILEX" UNIVERSAL SHUTTERS

SIZES AND PRICES

20 27 52 £2 7 6 AA
24 31 58 2 12 6 AA

Antinous Release, 2/6 extra.

0

DALLMEYER PROCESS LENSES

Series VIII. f/9.5-f/10.

LEAF XI.

Code Name for Lens only	No.	Plate size	Focal length		Fit- ting Prism No.		Price Flange	Dia Fla	Diameter Flange			
Kajay Kalay Kamay Kanay Kapay Karay	5 f/9-5 6 f/9-5 7 f/9-5 8 f/9-5 9 f/10 10 f/10	10×8 12×10 15×12 18×16 20×16 20×24	in. 14 16½ 19 23 27 30	355 419 482 584 685 762	0 1 2 3 3 4	13 17 22 30 35 41	10 0 0 0 0	d. 0 0 0 0 0 0 0 0	6/- 7/- 8/- 9/- 10/- 13/-	in. 21 21 21 22 3·2 3·4 4·0	57 63 69 81 86 101	}

DALLMEYER PROCESS LENSES

Series IX. f/11.

LEAF XI.

Kabay 4 //11 Kacay 5 //11 Kaday 6 //11 Kafay 7 //11 Kagay 8 //11 Kahay 9 //11	10×8 12×10 15×12 18×16 20×16 24×20	14 355 16½ 419 19 482 23 584 27 685 30 762	0 1 1 2 3 4	8 10 0 11 10 0 14 0 0 19 10 0 24 0 0 30 0 0	5/- 6/- 7/- 8/- 9/- 10/-	2·0 50 2½ 57 2½ 63 2½ 69 3·2 81 3·4 86	}_A
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DALLMEYER PRISMS

Code Name for Mounted Prism only	No.	Diameter of Face	Price Unmounted	Price Mounted	
Vabay Vacay Vaday Vafay Vagay Vahay Vajay	0 1 2 3 4 5 6	in. 2 50 2½ 63 3 76 3½ 89 4 101 4½ 114 5 127	f s. d. 7 10 0 8 10 0 9 0 0 13 0 0 16 10 0 19 10 0 31 10 0	£ s. d. 8 10 0 11 10 0 12 0 0 16 10 0 21 0 0 25 0 0 36 0 0	}

THE SINCLAIR "UNA" HAND AND STAND CAMERA

LEAF XIV.

	3	ł×:	21/2	1	pla	te		5×4	1	10	0×1	15	1/2	pla	te	
The Sinclair "Una "Camera and 3 Plate Holders, Finder, Focusing Scale and Depth of Focus Scale, fitted with Series ii /6 Stigmatic Lens in Acme Shutter Extra Double Plate Holders, Adon Telephoto Lens suitably Adon Telephoto Lens suitably adapted to fit shutter Jayrang Yanksee "Stanhi ("Stohi")	20	6	0 6 0	22 1 6	18 2 6		26 1 7		0 0 0	25 1 7	2 11 10		33 1 8			}E A JR

"N & G"
FOLDING POCKET SIBYL HAND CAMERA

LEAF XV.

	Baby 2 ½"×1¾" 4½×6 c/m	New Special 3½"×2½" 6½×9c/m	New Ideal 44"×34"
"Sibyl" Plate Camera, fitted with Dallmeyer Serrac Lens, #4-5, complete with 3 double dark Slides		£ s. d.	Double Dark Slides cannot be supplied
"Sibyl" Plate Camera, fitted with Dallmeyer Serrac Lens, #4-5, complete with 6 Single Dark Slides	Dark Slides cannot be supplied 5.3"	24 8 6	30 10 0 12" }
Dallon Anastigmat Telephoto Lens. #6:5 "Sibyl "Roll Film Camera, fitted with Dallmeyer Serrac Lens #4:5 Extra Double Dark Slides Single Film Pack Adapter	5 10 0 23 10 0 15 0 1 1 0	8 12 6 30 0 0 17 6 1 1 0 1 15 0	34 10 0 1 1 0 2 0 0 8 6
"N & G." Antinous Release Best Velvet Lined Pigskin or Morocco Leather Case Telescopic Tripod Stand	1 9 0 12 6	1 14 0 15 0	2 0 0 18 0

THE NATURALIST'S REFLEX CAMERA

LEAF XIII.

	1	No. 1 (Grand	ac Rag	oid Tele	photo L	lex Cam- ens f/10 onts and	, 6 D	ouble	-Dark	64	0	0	
	Dring	of 1 al	oto Ni	ack Al	'- D-fl	extra n	a as abov	Leat	ner C	M. I.I	72	0	0	
	Drice	of 9 - 1	2 =/	Matur	liat's D	A Camer	a as abov nera as al	e, Iro	picai	viodei	70	0	0	
								oove		Model	70	0	0	
	D.!"	. (5 - "	NI		Reflex C	," "					78	0	0	
	rice	01 2×4	Natu	ralist s				***			75	0	0	
	. "	n: !	-	2	1-plate	"	**			Model	82	0	0	
	Extra	Block	Form	Slides	4-plate				*			15	0	
	***	Book	**	**		, Best Q				each	1	15	0	
	,,	Block	** .	**			al Model			each	1	0 3 18	0	
	**	Book	**	**			uality			each	2	3	6	
		Block			9×12	/m				each		18	6	
		Book			9×12	m, Bes	Quality			each	2	2.	6	
		Block			9×12 c	m. Tro	pical Mo	odel		each	2	7	0	
		Book					Quality			each	2	7	6	
		Block								each	-	18	6	
		Book			5×4, E	Rest Our	lity			each	2		6	
		Block				ropical				each	2	7 7 7	6	
		Book		"		est Qua				each	2	7	6	
	Antin	ous Rel									1	2	6	
		sing Ma										4	0	
4	Ocus	sing ivia	ignine	10			h open 5	-21	11.		3	0	0	

THE LEDON REFLEX CAMERA

LEAF XIV.

	3½×2½	1-plate (41×31)	5×4
Ledon Reflex Camera without lens, including 3 Double Block Form Slides Ledon Reflex Camera, fitted with Series XV #4.5	£ s. d. 27 10 0	£ s. d. 27 10 0	£ s. d. 33 10 0
Serrac Lens	35 10 0 9"	36 10 0 12"	43 10 0
Dallon Anastigmat Telephoto Lens f/5·6	11 0 0	14 0 0	17 0 0
	12"	15 0 0 12"	17"
Reversing Hood, extra fitted to new models only extra Double Dark Sildes, Block Form each Facusing Magnerier Book Form, Best Quality Felin Pack Adapter Fourway Swing Front Antinous Release Spare Lens Panel, Wood Special Lens Panel, Wood Special Lens Panel, Wood Jawas Outsteel Stand (3 -61) Jawas Voluckets Stand (3 -61) Jawas Voluckets Stand (3 -61)	9 0 0 1 7 6 15 0 1 15 0 1 15 0 3 8 6 7 6 4 6 10 0 2 12 0	9 0 0 1 7 6 15 0 1 15 0 1 15 0 1 15 0 3 8 0 7 6 4 6 10 0 2 18 0	16 0 0 2 0 0 18 6 2 2 6 1 1 0 2 2 6 4 5 0 7 6 5 3 12 0 3 13 0 1 6 0
Jaynay Quickset Stallu (5-101d)			

"ENSIGN de LUXE" REFLEX CAMERA

LEAF XVI.

0 12 0 11 01 11 11		$\frac{1}{2} \times 2$	1 2	.41	×3	1	51	×3	1 2	61	$\times 4$	3	
Camera and 3 Double Plate Holders, fitted with 3 Series XV 6" #4.5	£	. 8.	d.	£	8.		£ 37	8.	d.	6	s.	d.	A.AA
Serrac Lens	32	0"	U	34		0		14"	U		17"	U	n.nn
Dallon Anastigmat Telephoto Lens,	11	90	0	14		0		0	0	23		0	7
1/5·6 Telephoto Lens,	**	0	U	14	15'		17	0	U	25	0	0	
1/6-8		_		15	0	0		_			_		A
#6.8 Dallon Anastigmat Telephoto Lens,		12"			12"			17"			17"		1
#7.7	9	0	0	9	0	. 0	16	0	0	16	0	0)
Extra for 3 Book-Form Slides instead													
of 3 Plate Holders	- 1	17	6	- 1	17	6	1	10	0	1	2	6	7
Extra Plate Holders each		17	6		17	6	1	2	6	1	10	0	
Extra Book - Form Double Dark							233						
Slides each	- 1	10	0	1	10	0	1	12	6	1	17	6	AA
Film Pack Adapter		-		-1	7	6		12			-		
Antinous Release		6	6		6	6		6	6		6	6	
Leather Carrying Case for Camera			,	-	0	0	-	10	0		0	0)
and 3 Slides	1	1/	6	1	2	0	1	10	0	4	6	0	R
Jaynay Quickset Stand 3-fold			U			U		0	U		0	U	В

"CARBINE" CAMERAS No. 5

LEAF XVII.

	4½×3½	5½×3½
Camera, fitted with Series V #6-3 Perfac Anastigmat Lens in Universal Shutter Camera, fitted with Series ii, #6 Stigmatic Lens in Acme Shutter	13 12 6	£ s. d. 14 17 6 20 10 0 AAA
Dallon Anastigmat Telephoto Lens, #6-5		11 0 0 A 11 0 1 11 0 A 11 0 A 12 6 B

"N & G" FOLDING REFLEX CAMERA

LEAF XV.

Lens f/4·5			52	8 6	
Focusing	Mount	10"			
			15 1	0 0	
				3 6	-
			1	7 6	
			1.1	5 0	-
			200	2 0	>
				5 . 0	30
			1	7 6	
					3 6

FOLDING "ENSIGN-KLITO de LUXE"

No 9

	LEAF	XVI.	
Camera, ‡ Plate, and 2 single Metal Slides, fitted with 2 Series V 6" f/6-3 Perfac Anastigmat Lens, in Universal Shutter, speeds 1	£ s.	d.	
to 1/150th of a second, Time and Bulb Camera as above, fitted with Acme Shutter speeds 1 to 1/300th of	13 5	0	1
a second, Time and Bulb Camera, fitted with 2 Series ii 5-3" #6 Stigmatic Lens in Acme	14 12	6	A. AA
Shutter, speeds I to I/300th of a second, Time and Bulb Adon Telephoto Lens adapted to fit shutter	16 12 5 0		}
Dallon Anastigmat Telephoto Lens, #6-5 (11" equivalent focus) Extra Single Metal Slides	10 0	0	A
Film Pack Adapter, leather covered Canvas Case, with Shoulder Strap for Camera and 2 Slides	15	0	
Best Quality Brown Leather Case, velvet-lined with lock and key for Camera and 12 slides	1.1	0 1	(AA
Telescopic Tripod Stand	12	6	В

THE ADAMS MINEX REFLEX CAMERA

XX.

				AA.
	$3\frac{1}{6} \times 2\frac{1}{2}$ 6×9	4½×3½ 5× 9×1 c/m	5½×3½	6½×4¾
Camera complete, fitted with Series XV #45 Serrac Anastigmat Lens Camera complete as above, Tropical Model Four-Ways Spring Front, extra 	55 0 80 0 2 15	2 15 2 1		75 0 110 0 2 15 3 15 }E

"TP" DUPLEX REFLEX CAMERA

LEAF XVIII.

	3½×2½	41×31	5×4 5½×3½	
Camera only, with 3 Double Plate Holders, without Lens Camera as above, fitted with Series XV #45 Serrac	£ s. d. 24 0 0	£ s. d. 25 0 0	£ s. d. 32 10 0	AA
Anastigmat Lens	31 10 0	33 0 0 12"	44 0 0	AAA
Dallon Anastigmat Telephoto Lens, #5.6	11 0 0	14 0 0 15" 15 0 0	17 0 0	A
Dallon Anastigmat Telephoto Lens, #7.7 Extra for Teak and Brass Binding Camera throughout	7 10 0	9 0 0 8 0 0	17" 16 0 0 10 10 0	}
" Double Plate Holders each " Book-Form Slides each " Teak Book-Form Slides, brass bound each	17 6	17 6 1 10 0 2 0 0	1 2 6 1 12 6 2 5 0	AA
Film Pack Adapter	1 7 6	1 7 6	1 12 6	В

BRITISH ANSCHUTZ CAMERA

LEAF XIX.

	3½×2½	41×31	5×4 9×12 c/m	
British Anschutz, Model A or B with Series XV //45	£ s. d.			
Serrac Anastigmat Lens and 3 Double Dark Slides Dallon Anastigmat Telephoto Lens, #5:6 in Focusing Mount, including fitting so as to be interchangeable	25 10 0	27 2 0	29 10 0	A.AA
with Serrac Lens Extra Double Dark Slides	14 0 0 17 6	15 10 0		A
Film Pack Adapter, leather covered	1 7 6 2 5 0 1 15 0			B

Note: - Model B is stocked in 1-plate and 5×4 sizes only.

ANSCO V.P. CAMERA No. 2

LEAF XIX.

Light Canvas Case for above	s. d. 10 0 A.AA 5 0 14 6 10 0 A.AA
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THE "POPULAR PRESSMAN" REFLEX CAMERAS

LEAF XVII.

	44×34	5½×3½	
Camera, with 3 Single Metal Slides, without Lens Camera as above, fitted with Series XV, 1/4-5 Serrac	13 7 6	17 17 6	AA
Anastigmat Lens	22 10 0	26 7 6	A. AA
Dallon Anastigmat Telephoto Lens, f/5-6	14 0 0	17 0 0	A
Dallon Anastigmat Telephoto Lens, 1/6-8	15 0 0 12"	17"	1
Dallon Anastigmat Telephoto Lens, #7-7	9 10 0	16 0 0	J
Extra Single Metal Slides each Film Pack Adapter Solid Leather Case for Camera and 12 Slides	3 0 15 0 2 0 0	4 0 17 6 2 5 0	} AA
Jaynay Quickset Stand (3-Fold)	1 1 0	1 6 0	В

"T P" IMPERIAL FIELD CAMERAS

LEAF XVIII.

	5×4 5½×3½	6½×4¾	7×5 13×8 c/m	8½×6½	
Camera only, with 1 Slide, Shutter and	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
Stand, without Lens Camera as above, fitted with Series ii #6	8 10 0	8 15 0	10 0 0	13 5 0	AA
Stigmatic Lens Camera as above, fitted with Series V 1/6-3	17 0 0	18 5 0	21 10 0	27 5 0	1
Perfac Lens	14 0 0	15 15 0	18 10 0	24 15 0	A. AA
Adon Telephoto Lens Brass Binding Camera only, extra	5 0 0 2 10 0	5 0 0 3 2 6 1 1 0	5 0 0	5 0 0	A
Extra Mahogany Slides each Brass Binding Slides only, extra each	18 6	1 1 0	1 5 0	1 15 0	AA
State Smalls Sings only, extra each	, 6	11 0	12 0	13 0	,