WE SELL ONLY

JHORNTON- DICKARD 0 CATALOGUE RIDGED R 1911. FOR **NEW GOODS** SEE **COMPLETE CATALOGUE** Published January, 1911

THE THORNTON-PICKARD MANFG. CO., LTD., ALTRINCHAM

BRITISH-MADE CAMERAS

Terms of Business.

RETAIL ORDERS. The prices in this Catalogue are strictly nett. It is respectfully requested that all orders be accompanied by remittance unless references have previously been given and an account opened.

REMITTANCES. Cheques or Post Office Orders to be made payable to the Thornton-Pickard Manufacturing Co., Limited, and may be crossed Lloyds Bank, Ltd. P.O. Orders should be made payable at Altrincham. Postage Stamps may be used for the payment of small amounts. Foreign Orders are payable by P.O. Orders at Altrincham, or by Draft on London or Manchester Bank.

ACCOUNTS. Monthly statements are rendered Nett, and are payable without any further deduction on or before the 15th of the month following date of lavoice.

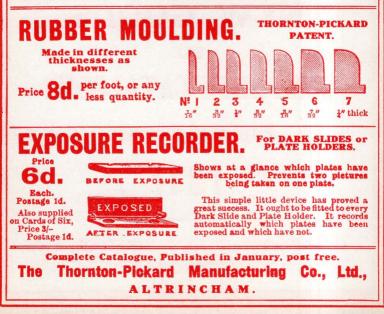
NEW ACCOUNTS. In opening new accounts, remittance to be sent with first order together with Bankers' and Trade references.

"ON APPROVAL." All Goods made by the Thornton-Pickard Manufacturing Co., Limited, may be obtained through any dealer in Photographic Apparatus or they will be sent direct, on "on approval" terms, if remittance for the amount accompanies order. The goods, if not approved, to be returned, carriage paid, within three days after receipt.

ELECTROS. Electros of any of the **Thornton-Pickard** specialities are sent on application for inclusion in Dealers' Catalogues, at a nominal charge for each, according to size. Upon return of the Blocks this charge is credited in full.

CARRIACE. Carriage will be paid on all prepaid retail orders within the British Isles, and on Foreign prepaid retail orders to port of shipment. All small parcels are sent per parcel post, and larger ones by passenger train unless otherwise ordered.

PACKINC. Experienced packers only are employed, and every care is taken to ensure safe transit. We do not, therefore, hold ourselves responsible for any loss or damage that may occur after the goods leave our premises. Packing boxes are charged at the lowest rate, and are not returnable.



ROYA

LEVER RELEASE

ID

SPEED

THORNTON-PICKARD

TIME and Instantaneous.

HORNTON JICKARD

NEW PATENT

SHUTTER

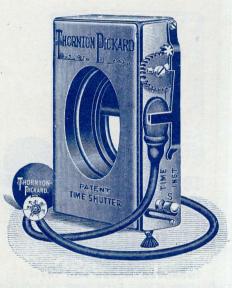


The chief advantages of the "Royal" over the standard pattern are that in the "Royal" Shutter all working parts are enclosed within the Shutter Box. It is also fitted with a new and patented device which automatically releases the Spring when the Shutter is set at "Time."

SIZE :To fit on Lens Hood or Tube, up to inches diameter. Before Lens Model	15 22/- 23/- Disapp	2 23/- 24/- earing Co	21/2 25/- 26/- ord, 3/6 e	8 28/- 30/-
Behind Lens Model 22/- Patent Time Exposure Valve, 3/6 extra. Patent THORNTON-PICKARD Thornon-Pickard Time Exposures. 1, 1, 2 For short time exposures. 1, 1, 2 PRICE : Fitted to any new Thornton-Pickard Shutter, or to any Time and Inst. for that purpose 1	23/-	24/-	26/-	30/-
THORNTON-PICKARD Time Exposures. 1, 1, 1, 1, 1, 2 PRICE : Fitted to any new Thornton-Picka Bhutter, or to any Time and Inst. for that purpose	Disapp	earing Co	ord, 3/6 e	avtro
Time Exposure For short time exposures. $\frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}$ PRICE : Fitted to any new Thornton-Picka Butter, or to any Time and Inst. for that purpose				DAULOU.
J/D If the Shutter cannot be sent to us supply the Valve complete with Arr	rd Time Shutter	e and In sent to - extra.	us 3 can be,	B/6 5/6

HUTTER

Time and Instantaneous Shutter.



In every part of the civilised world the Thornton-Pickard Standard Pattern Time and Instantaneous Shutter is well known. It was the first successful Time and Instantaneous Shutter invented, and was in reality the one which made Instantaneous Photography practicable.

Instantaneous Exposures up to 1/90 second in the two smaller sizes. (Larger sizes work proportionately slower.)

Prolonged Time Exposures of any duration.

With the addition of the Patent Time Exposure Valve (3/6 extra), as shown near the ball in the illustration, the Shutter will also give automatically Short "Time" Exposures of $\frac{1}{2}$, $\frac{1}{2}$, 1, 2, and 3 seconds.

PRICES.	SIZE	, to fit	on a I	ens H	ood or	Tube	up to i	inches	diam
Speed Indicator included.	112	15	2	21/2	3	31/2	4	41/2	5
Before Lens Behind Lens	14/6 15/6	15/- 16/-	16/- 17/6	18/- 19/6	21/- 22/6	25/- 26/6	30/- 31/6	35/- 36/6	38/- 39/6

Patent Time Exposure Valve 3/6 Extra.

New Patent Disappearing Cord, which runs back into the Shutter Box after setting, 3/6 extra. Fitted to Shutters previously supplied 5/-.

THE ALL BRITISH CAMERA MAKERS

177

THORNTON-PICKARD

STEREOSCOPIC SHUTTERS.

Made in Before and Behind Lens Patterns and also with Adjustable Centres.

HORNHON

E&IN

THORNTON

STUDIO

Stereoscopic Pictures are greatly favoured by many amateurs, and for this class of work the Shutter here shown is extremely suitable, and in fact superior to any other form. It gives exposures up to the form of a second in the two smallest sizes, as well as Time Exposures of any duration.

PRICE LIST.

Size, to fit on a Lens Hood or Tube up to inches dia.	11/2	15	2	21/2
Stereoscopic Time & Inst., at Sin. or Sin. centres.	20/- 22/6	21/- 23/6	23/- 25/6	27/-29,6
34in. centres, 2/- extra; 34in. centres, 4/- extra. for Behind Lens Pattern, 7/6 extra. New Pat Cord, 3/6 extra. Patent Time Exposure Val	ent D	isapp	earin	g

Self-Capping Blind fitted to Time & Instantaneous & Stereo Shutters at a charge of 5/- extra for Time and Instantaneous Shutters up to 23in. size. Stereo Shutters 10/- extra.

Thornton-Pickard New Patent STUDIO SHUTTER.

Works in Front of the Lens or Inside the Camera.

THE MOST PERFECT AND SUCCESSFUL STUDIO SHUTTER IN THE MARKET. NO VIBRATION. PRACTICALLY NOISELESS IN WORKING. A BOON TO THE PROFESSIONAL. NO STUDIO SHOULD BE WITHOUT IT.

Specially designed for Studio use where silence in working is a desideratum. For photographing children, animals, and nervous subjects generally.

Exposures of from *i*th second up to any duration.

PRICES.	To fit on Lens Hood or Tube up to ins. diameter.										
PRICES.	2	21/2	3	31/2	4	41/2	5				
Silent Studio Shutter	20/6	23/6	27/6	32/6	37/6	42/6	47/6				

THE ALL BRITISH CAMERA MAKERS

NEW PATENT SELF-CAPPING TIME AND INST. **Focal Plane Shutter**



EXPOSURES UP TO 4 1000 of a Second.

Special Points of the "UNIT" Shutter.

This Focal Plane Shutter has been named the "UNIT" owing to the fact that its adjustments are effected and the Shutter set by one and the same operation. This operation consists in simply turning the Winding Key, which effects the following movements:---

- 1. It sets the Shutter for exposure.
- It automatically adjusts the Slit to the desired width. 2.
- It varies the duration of the exposure. 3
- It alters the Shutter for Time and Instantaneous at will. 4.
- 5. It maintains the aperture covered with the Self-capping Blind until the actual exposure.

Instantaneous Exposures from 15th One Turn to Set; One Press to Release. to TOOD th. No complicated Mechanism. Time Exposures from seconds to hours, or of any duration. Smooth free-working of Shutter. Adjustable Slit with 6 different-Blind always perfectly taut. No sized Apertures. sagging. Square Aperture Opening Shutter. Blind sets and closes as straight as a metal plate. Automatic Self-capping Blind. Perfect combination of Simplicity Automatic Self-adjusting Slit. and Efficiency. One Setting Key only. Lever to move to change from Time to Instantaneous, or vice-No

versa.

One and the same operation of turning the Winding Key both sets the Shutter and varies the Speed.



178

THORNTON-PICKARD

Focal Plane Shutters.



THORNTON PICKARD FOCAL PLANE WITH ADJUSTABLE SLIT

179

No. 1 Model Focal Plane.

No. 3 Model Focal Plane. 8 182

EXPOSURES up to $\frac{1}{1000}$ of a Second.

Thornton-Pickard Focal Plane Shutters are made in four different models. The cheapest pattern is the No. 1 or Original Model, which is quite as efficient and practical as any Focal Plane Shutter made. In this Original Model the Blind Slit is adjusted by means of small chains, which have to be lengthened or shortened as required by the operator.

THE Nos. 2 and 3 MODELS.

The Nos. 2 and 3 Models of Focal Plane Shutter are improvements upon the pattern above described. The Slit in the Blind of each of these Shutters is adjusted from the outside by simply rotating a knob. The principle of construction is different, but the two Shutters possess the same practical advantages, and are more convenient in use than the original No. 1 pattern.

FOR FITTINC. The Reversing Back and a Dark Slide should be sent to us. A charge of from 5/- to 10/- is made, according to work required. The fitting is done gratis to current patterns of Thornton-Pickard Cameras. PRICES, including Speed Indicator and Speed Tablet.

S S Destant	1	No. 1	OR O	RICINA	L MOD	EL.		
$4\frac{1}{2} \times 3\frac{1}{4} \dots \dots \dots$ 5 ×4 & 9×12 c/m	£1 5 0 £1 7 6	$6\frac{1}{2} \times 4\frac{1}{4}$ $6\frac{3}{4} \times 3\frac{1}{4}$	£1 10 0 £1 10 0	$\begin{vmatrix} 6\frac{1}{2} \times 4\frac{3}{4} \\ 7\frac{1}{2} \times 5 \end{vmatrix}$	£1 10 0 £1 10 0	8 ¹ / ₂ ×6 ¹ / ₂	£1 15 0	10×8 £2 5 (
	No. 2	MODE	L (With	o Outsie	de Ad	justme	nts).	
5×4&9×12 c/m £2	10 0 10	×8 £4	40 12>	10 £5 5	0 9×19	2 c/m £2	10 0 18	×24 c/m £4 4 0
	No. 3	MODE	L (Wit	h Outsi	de Ad	Justme	nts).	Sec. Sec.
$\frac{1}{2}$ -Plate $(4\frac{1}{4} \times 3\frac{1}{4})$	£2 ! £2 1	5 0	$\begin{array}{c} 7\frac{1}{2}\times5\\ 13\times18\end{array}$	c/m	£3 £3	6 0 6 0		ole Plate. 3 10 0

180

THORNTON-PICKARD

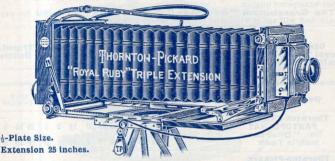
	PRICE of th Thornton-F S HUT S HUT RELEA and	e lickard TEF
NO. 12	Gas Tu Gas Tu Gas Tu Gas Tu Standard Pattern "Arabesque" Rubber Releases. Standard Pattern "Arabesque" Round Ball, Tube and Teat Between-Lens Shutter Oval Ball, Tube without Teat	esque ibes, su ill special best pu uality an ality an S. D. 20 1 9
3 4	Small Size Oval Ball and Tube Studio Shutter Release, Ball Tube and Bellows Teat "Arabesque" Shutter Tubing "Gas Tubing No. 1, 32 in bore, 15 in walls "Gas Tubing No. 1, 32 in bore, 15 in bore, 15 in walls "Gas Tubing No. 1, 32 in bore, 15 in walls "Gas Tubing No. 1, 32 in bore, 15 in walls "Gas Tubing No. 1, 32 in bore, 15 in walls "Gas Tubing No. 1, 32 in bore, 15 in bo	1 6 3 0 0 6 0 8 0 10 1 0 0 4 1 0
5 6 7 8	Black and Red Rubber Releases. Black Enamelled Rubber Ball Tube and Teat Red Polished "," small size Oval Ball and Tube "," </td <td>0 3 0 3</td>	0 3 0 3
0 1 3	Large Sized "Arabesque" Round Balls. DIAMETER. WORKING CAPACITY. 1din. Ordinary Ball for 2ft. 1din. For Studio Shutter Release 2din. For Tubing up to 30tt. long 2din. , , 50ft. , 3in. , , 100ft. ,	1 0 1 4 3 0 4 0

THE ALL BRITISH CAMERA MAKERS

ROYAL RUBY

Latest Improved Model.

The World's Standard HIGH-CLASS CAMERA.



Represents the greatest achievement in the Art of Camera Construction.

The "ROYAL RUBY" is unquestionably the greatest success yet achieved in the making of Photographic Apparatus, and such is the reputation it has gained that it is best known as the '

KING OF CAMERAS

It is difficult to give here an adequate conception of what this Camera really is; suffice it to say that it is the best production of 'he *Best British Camera Makers*, and is strongly recommended to all in search of the finest all-round Camera procurable. The prices are, for such an Outfit, very moderate, and no purchaser can experience anything but the greatest pleasure and satisfaction in acquiring a "Royal Ruby."

A few of its most salient features are enumerated below.



THORNTON-PICKARD **'ROYAL RUBY' TRIPLE EXTENSION OUTFITS.** With various makes of Lenses.

Two qualities of Cameras are listed below, viz., the Standard Pattern Mahogany and the "Overseas" pattern. The "**Overseas**" Model is in all respects similar to the Standard Pattern Camera, but it is built of **Seasoned Teak** throughout, a wood expressly selected for its damp and heat resisting qualities. Every joint is specially strengthened by being screwed as well as glued, and the glue used is of special waterproof quality. **The Brassbound "Overseas" Models** make ideal outfits for any

climate, and will easily withstand the most severe atmospheric changes.

SPECIFICATION.

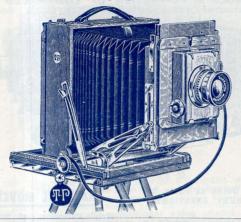
Camera with Turntable, Threefold Automatic English Ash Tripod, "Royal" Time and Inst. Shutter with Speed Indicator, Best Quality Double Bookform Dark Slide with hinged metal Division, and Lens as per list. SITES AND DDICES OF OUTFITS

SIZES	AND	PRICES	UF	UU	IFI	13.			14	a)C	-	1	-
Outfit with Lens.	Series	Largest ap't're											
Thornton-Pickard PANTOPLANAT Do. "Overseas" made in Teak	-	F8	10 10	0			0	15	0	0			0
Thornton-Pickard "RUBY ANASTIGMAT"		F 6.8	13 5 14 10	00	1	-	000			00	21	10	00
Beck " ISOSTIGMAR " Do. "Overseas"	III	F7.7	11 15 13 0	00			00	16 18	5 0	00		11	- 22.5
Beck "ISOSTIGMAR" Do: "Overseas"	II	F5.8	12 17 14 2	6 6			6 6	-	7	-	STR.	Ξ	1
Ross " HOMOCENTRIC " Do. "Overseas"	III	F6.3	14 15 16 0	00			00			00	27 29	00	00
Ross " HOMOCENTRIC " Do. "Overseas"	II	F5.6					00			00			00
Aldis "ANASTIGMAT" Do. "Overseas"	Serie 13×18 pl. Se	es II. F6 c/m & 1/1 eries III.					0			0	20 20 20	1-1-	and the
Cooke" ANASTIGMAT " Do. " Overseas"	111	F6.5					0			00			6 6
Dallmeyer "STIGMATIC" Do " Overseas"	IV	F6.3					00		-			11	-
Dalimeyer "STIGMATIC" Do. "Overseas"	II	F 6					00	26 27	0 15	0	33 35	00	00
Goerz "DACOR" Do. "Overseas"	III	F6.8					00			00			00
iera and side "	Overs	seas "	2	5/	-	31	0/·	-	38	j/-		40	/.
ra Bookform Mahogany Do. TEAK assbinding to either pa	do.	eac	h 2		4	25			27	/6		35	
	Outfit with Lens. Thornton-Pickard PANTOPLANAT Do. "Overseas" made in Teak. Thornton-Pickard "RUBY ANASTIGMAT" Do. "Overseas". Beck "ISOSTIGMAR". Do. "Overseas". Beck "ISOSTIGMAR". Do. "Overseas". Beck "ISOSTIGMAR". Do. "Overseas". Ross "HOMOCENTRIC" Do. "Overseas". Aldis "ANASTIGMAT" Do. "Overseas". Cooke" ANASTIGMAT" Do. "Overseas". Dallmeyer "STIGMATIC" Do. "Overseas". Dallmeyer "STIGMATIC" Do. "Overseas". Dallmeyer "STIGMATIC" Do. "Overseas". Coerz "DACOR" Do. "Overseas". Beck "Stancassbound Stances	Outfit with Lens. Series Thornton-Pickard - Do. "Overseas". - Thornton-Pickard - "RUBY ANASTICMAT". - Do. "Overseas". - Thornton-Pickard - "RUBY ANASTICMAT". - Do. "Overseas". - Beck "ISOSTICMAR". III Do. "Overseas". III Do. "Overseas". III Do. "Overseas". II Do. "Overseas". pl. Standard Cooke: "DACOR" III Do. "Overseas". II Do. "Overseas".	Outflit with Lens. Series Largest aptire Thornton-Plckard PANTOPLANAT Do. "Overseas" - F8 Do. "Overseas" - F8 Thornton-Plckard "ANASTICMAT " F6.8 - - Thornton-Plckard "RUBY ANASTICMAT " F6.8 - - Beck "ISOSTICMAR " II F7.7 - F6.8 Beck "ISOSTICMAR " II F7.7 - - Beck "ISOSTICMAR " II F5.8 - - Bo. "Overseas " II F6.3 - - Bo. "Overseas " III F6.3 - - Bo. "Overseas " III F6.3 - - Do. "Overseas " III F6.5 - - Do. "Overseas " III F6.5 - - Do. "Overseas " III F6.5 - - Do. "Overseas " III F6.3 - - Do. "Overseas " III	Outfit with Lens. Series Largest apUre Half-p Gxx Thornton-Pickard PANTOPLANAT Do. "Overseas". - F8 10 10 Do. "Overseas". - F8 11 15 Thornton-Pickard "RUBY ANASTICMAT" - F6.8 13 5 Do. "Overseas". - F6.8 13 5 Do. "Overseas". - F7.7 11 15 Beck "ISOSTICMAR ". III F7.7 13 0 Beck "ISOSTIGMAR". III F6.8 14 10 Do. "Overseas". III F6.8 14 12 Do. "Overseas". III F6.3 14 15 Do. "Overseas". III F6.3 14 15 Do. "Overseas". III F6.4 15 217 Do. "Overseas". II F6.5 16 5 Do. "Overseas". II F6.5 14 17 Do. "Overseas". III F6.5 14 17 Do. "Overseas". III F6.3 13 10 Do. "Overseas". 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"Overseas" III F5.6 16 5 0 19 10 0 24 Do. "Overseas" III F6.5 14 17 0 17 3 0 21 Do. "Overseas" III F6.5 14 17 0 17 3 0 21 Do. "Overseas" III F6.5<!--</td--><td>Outfit with Lens. Series Largest apUre Half-plate $6\frac{71}{9} \times 44$ $7\frac{1}{9} \times 5$ $13 \times 18 \text{ c/m}$ WhT-plate $8\frac{1}{9} \times 64$ Thornton-Pickard PANTOPLANAT Do. "Overseas". - F8 10 10 0 12 10 0 15 0 Do. "Overseas". - - 11 15 0 14 0 0 16 15 Thornton-Pickard "RUBY ANASTICMAT". - F6.8 13 5 0 15 10 0 18 10 Do. "Overseas". - - III 50 14 10 0 17 0 0 20 5 Beck "ISOSTICMAR". III F7.7 11 0 0 15 5 0 18 0 18 10 Beck "ISOSTIGMAR". II F5.8 12 17 6 14 17 6 - Do. "Overseas". III F6.3 14 15 0 18 0 0 22 0 Beck "ISOSTIGMAR". III F6.3 14 15 0 18 0 0 22 0 Do. "Overseas". III F5.6 16 5 0 19 10 0 24 10 Do. "Overseas". III F5.6 16 2 0 18 13 0 21 4 Do. "Overseas".</td><td>Outfit with Lens. Series Largest apUre Half-plate $f_{g} \times 44$ $7\frac{1}{2} \times 5$ $13 \times 18 \text{ c/m}$ WhT-plate $8\frac{1}{2} \times 6\frac{1}{2}$ Thornton-Pickard PANTOPLANAT</td><td>Outfit with Lens. Series Largest apUre Half-plate $6\frac{71\times5}{62\times44}$ Thornton Plekard PANTOPLANAT</td><td>Outfit with Lens. Series Largest apUre Half-plate $6\frac{74\times5}{6\frac{1}{2}\times44}$ WhT-plate 10×8 10×24 c Thornton-Pickard PANTOPLANAT D</td></td>	Outfit with Lens. Series Largest apure Half-plate 61×44 7 Thornton-Pickard PANTOPLANAT Do. "Overseas". - F8 10 10 0 12 Do. "Overseas". - F8 10 10 0 12 made in Teak. - F8 10 10 0 12 Thornton-Pickard "RUBY ANASTICMAT" - F6.8 13 5 0 15 Do. "Overseas". - F6.8 13 5 0 15 Beck "ISOSTICMAR". III F7.7 11 15 0 14 Do. "Overseas". - F6.8 13 5 0 15 Beck "ISOSTIGMAR". III F7.7 11 15 0 13 0 15 Beck "ISOSTIGMAR". III F6.3 14 15 0 18 0 19 Do. "Overseas". III F6.3 14 15 0 18 16 0 0 19 Do. "Overseas". III F6.4 13 2 6 13 13 2 6 13 Do. "Overseas". III F6.5 16 5 0 19 17 10 0 21 Aidis "ANASTICMAT" Scries II. F6 13 2 6 13	Outfit with Lens. Series Largest apure Half-plate fixes of the second seco	Outfit with Lens. Series Largest apUre Half-plate 6±×44 T\$±×18 c/m Thornton-Pickard PANTOPLANAT D	Outfit with Lens. Series Largest apUre Half-plate (6)×44 73×5 (13×18 c/m) Wh (8) Thornton-Pickard PANTOPLANAT Do. "Overseas" - F8 10 10 0 12 10 0 15 Do. "Overseas" - - F8 10 10 0 12 10 0 15 Thornton-Pickard "RUBY ANASTICMAT" - F6.8 13 5 0 15 10 0 18 Do. "Overseas" - F6.8 13 5 0 15 10 0 18 Do. "Overseas" - F6.8 13 5 0 16 0 15 5 0 18 Beck "ISOSTIGMAR" III F5.8 12 17 6 14 17 6 16 0 19 10 0 23 Ross "HOMOCENTRIC" III F6.3 14 15 0 18 0 0 22 Do. "Overseas" III F5.6 16 5 0 19 10 0 24 Do. "Overseas" III F6.5 14 17 0 17 3 0 21 Do. "Overseas" III F6.5 14 17 0 17 3 0 21 Do. "Overseas" III F6.5 </td <td>Outfit with Lens. Series Largest apUre Half-plate $6\frac{71}{9} \times 44$ $7\frac{1}{9} \times 5$ $13 \times 18 \text{ c/m}$ WhT-plate $8\frac{1}{9} \times 64$ Thornton-Pickard PANTOPLANAT Do. "Overseas". - F8 10 10 0 12 10 0 15 0 Do. "Overseas". - - 11 15 0 14 0 0 16 15 Thornton-Pickard "RUBY ANASTICMAT". - F6.8 13 5 0 15 10 0 18 10 Do. "Overseas". - - III 50 14 10 0 17 0 0 20 5 Beck "ISOSTICMAR". III F7.7 11 0 0 15 5 0 18 0 18 10 Beck "ISOSTIGMAR". II F5.8 12 17 6 14 17 6 - Do. "Overseas". III F6.3 14 15 0 18 0 0 22 0 Beck "ISOSTIGMAR". III F6.3 14 15 0 18 0 0 22 0 Do. "Overseas". III F5.6 16 5 0 19 10 0 24 10 Do. "Overseas". III F5.6 16 2 0 18 13 0 21 4 Do. "Overseas".</td> <td>Outfit with Lens. Series Largest apUre Half-plate $f_{g} \times 44$ $7\frac{1}{2} \times 5$ $13 \times 18 \text{ c/m}$ WhT-plate $8\frac{1}{2} \times 6\frac{1}{2}$ Thornton-Pickard PANTOPLANAT</td> <td>Outfit with Lens. Series Largest apUre Half-plate $6\frac{71\times5}{62\times44}$ Thornton Plekard PANTOPLANAT</td> <td>Outfit with Lens. Series Largest apUre Half-plate $6\frac{74\times5}{6\frac{1}{2}\times44}$ WhT-plate 10×8 10×24 c Thornton-Pickard PANTOPLANAT D</td>	Outfit with Lens. Series Largest apUre Half-plate $6\frac{71}{9} \times 44$ $7\frac{1}{9} \times 5$ $13 \times 18 \text{ c/m}$ WhT-plate $8\frac{1}{9} \times 64$ Thornton-Pickard PANTOPLANAT Do. "Overseas". - F8 10 10 0 12 10 0 15 0 Do. "Overseas". - - 11 15 0 14 0 0 16 15 Thornton-Pickard "RUBY ANASTICMAT". - F6.8 13 5 0 15 10 0 18 10 Do. "Overseas". - - III 50 14 10 0 17 0 0 20 5 Beck "ISOSTICMAR". III F7.7 11 0 0 15 5 0 18 0 18 10 Beck "ISOSTIGMAR". II F5.8 12 17 6 14 17 6 - Do. "Overseas". III F6.3 14 15 0 18 0 0 22 0 Beck "ISOSTIGMAR". III F6.3 14 15 0 18 0 0 22 0 Do. "Overseas". III F5.6 16 5 0 19 10 0 24 10 Do. "Overseas". III F5.6 16 2 0 18 13 0 21 4 Do. "Overseas".	Outfit with Lens. Series Largest apUre Half-plate $f_{g} \times 44$ $7\frac{1}{2} \times 5$ $13 \times 18 \text{ c/m}$ WhT-plate $8\frac{1}{2} \times 6\frac{1}{2}$ Thornton-Pickard PANTOPLANAT	Outfit with Lens. Series Largest apUre Half-plate $6\frac{71\times5}{62\times44}$ Thornton Plekard PANTOPLANAT	Outfit with Lens. Series Largest apUre Half-plate $6\frac{74\times5}{6\frac{1}{2}\times44}$ WhT-plate 10×8 10×24 c Thornton-Pickard PANTOPLANAT D

182

PECIAL RUBY.

THE MASTERPIECE OF MEDIUM PRICED CAMERAS. NEW RACK AND PINION RISING PANEL. NEW SIDE SWING.



PRINCIPAL PRACTICAL POINTS OF THE CAMERA. "Omnifiex" Rising, Falling, Swinging, and Extending Front, similar in pattern to the "Royal Ruby." Extra Wide Front and Bellows, preventing all "cutting off" with shortest focus lenses, and making the Camera adaptable for Stereo. Work when

required.

required. Camera Body racks forward on baseboard for focussing purposes. Also focus-sing effected by Front Pinion Head in ordinary manner. Improved Folding Front, with practically automatic erection. Automatic Spring Stretchers to Front and Back of Camera. Rising and Falling Front of great latitude. Independent Rising and Falling Panel, operated by Rack and Pinion, usable at shortest focus.

Cross Front, Triple Extension, Alternative Wide Angle Movements, Swinging Movements in all directions, &c., including SIDE SWING to Camera Back, &c., &c.

SPECIFICATION AND PRICES.

"Special Ruby "Triple Extension Camera, with "Omnifiex" Rising, Falling, Swinging, and Extending Front, and all other adjustments comprehensive and complete. Extra Wide Real Leather Bellows, Brass Turntable, Three-fold Ash Rule-joint Tripod, Time and Inst. Thornton-Pickard Roller Blind Shutter, speeds to ab second, and Time Exposures. One Double Bookform Dark Slide, Double-Hinged Focussing Screen, and Beck Symmetrical Lens with Iris F/8.

	Brassb	ound O	utfit.	Stereo. Outfit.					
-PLATE	£6.1	0.0	£7.	15	. 0		£8,	. 10). 0
Extra B	ookform I	Mahoga	ny Slide	as				each	8/6
Brassbi	nding Can	iera an	d Slide					each	25/-
Ducabi	nding Slid	-						1	5/-

THORNTON-PICKARD

"PERFECTA" TRIPLE EXTENSION CAMERA OUTFIT.

THE ABSOLUTE PERFECTION OF LOW-PRICED SETS. The Principal Camera Outfit of the "IMPERIAL" Series.



"Perfecta" Outfit, as below, but with T.-P. "RUBY ANASTIGMAT" Lens, F/6.8.

184

5×4 and	Post	teard	 £7 12	6
1-Plate			 £8 10	0
1-Plate			 £12 10	0
13×18 c/1	m		 £10 6	0

"PERFECTA" Outfit, large sizes, with Beck Symmetrical Lens with Iris Diaphragm F/8.

 $10 \times 8 \text{ and } 18 \times 24 \text{ c/m}$.. **£12 0 0** $12 \times 10 \text{ and } 24 \times 30 \text{ c/m}$.. **£14 15 0**

PRACTICAL MOVEMENTS.

Triple Extension, ½-pl., 22". - ½-pl., 28" Short Extension. Three Racks and Pinions. RACKWORK FOCUSSING BODY. Rising, Falling, and Cross Front. Independent Rising Front, operated by Rack and Pinion. Modified "OMNIFLEX" Swinging and Extending Front. Swing Back, Forward, Backward, and Side Swing. Reversing Back. Lens convertible for Long Focus Views.

SPECIFICATION AND PRICES.

TRIPLE EXTENSION CAMERA, with all movements as above, including "Omnifiex" Swinging Front, Brass Turntable; Beck Symmetrical Lens, with Iris Diaphragm F/8; Double Bookform Dark SNde, with hinged division; Three-foig Stand; Thornton-Pickard Time and Instantaneous Shutter, with Speed Indicator. Camera fitted with Real Leather Bellows.

5×4	& P	/c.	1-1	olate.		13×	18 c/	m.	1-1	Plate	8.
£4 5 7 8 7	17 12 12 12 12 12	6 6 6 6 6 6	6 8 10 8 12	0 10 10 0 15 17 5	00006	7 10 12 11 16	6 16 16 11 10 10	000000	9 12 16 20	7 12 10 0 15	0000000
1 2	8 7 3	0 6 6		8 9 3	6 0 6		10 10 3	6 6 6	TO REAL	14 11 3	6 6 6
	£4 5 7 8 7 9 4	£4 10 5 17 7 12 8 12 7 12 9 17 4 15 8	£4 10 0 5 17 6 7 12 6 8 12 6 7 12 6 9 17 6 9 17 6 9 17 0 4 15 0 8 0	£4 10 0 £5 5 17 6 6 7 12 6 8 8 12 6 10 7 12 6 8 9 17 6 12 4 15 0 5 8 0	£4 10 0 £5 0 5 17 6 6 10 7 12 6 8 10 8 12 6 10 0 7 12 6 8 15 9 17 6 12 17 4 15 0 5 5 8 0 8	£4 10 0 £5 0 0 5 17 6 6 10 0 7 12 6 8 10 0 8 12 6 10 0 0 7 12 6 8 15 0 9 17 6 12 17 6 4 15 0 5 5 0 8 0 8 6	£4 10 0 £5 0 0 £6 5 17 6 6 10 0 7 7 12 6 8 10 0 10 8 12 6 10 0 0 12 7 12 6 8 15 0 11 9 17 6 12 17 6 16 4 15 0 5 5 0 6 8 0 8 6	£4 10 0 £5 0 0 £6 6 5 17 6 6 10 0 7 16 7 12 6 8 10 0 10 6 8 12 6 10 0 12 16 7 12 6 8 15 0 12 16 7 12 6 8 15 0 11 11 9 17 6 12 17 6 16 10 4 15 0 5 5 6 6 10 8 0 8 6 10 10 11 15 15 12 17 16 16 10 10 12 17 6 16 10 10 10 10 10 10 10 10 10 10 10 10 10 10	£4 10 0 £5 0 2.6 6 0 5 17 6 6 10 7 16 0 7 12 6 8 10 0 6 0 8 12 6 10 0 12 16 0 7 12 6 8 5 0 11 10 9 17 6 12 17 6 16 10 0 4 15 5 5 5 6 10 0 8 0 8 6 10 0 8 10 10	£4 10 0 £5 0 £6 6 0 £7 5 17 6 6 10 0 7 16 0 9 7 12 6 8 10 0 10 6 0 12 8 12 6 10 0 12 16 0 16 12 7 12 6 8 15 0 11 10 16 16 10 20 9 17 6 12 17 6 16 10 20 4 15 0 5 0 6 10 0 7 8 0 8 6 10 0 6 10 6	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

3-Plate "Perfecta" Outfit with Cooke Anastigmat F/7.7. £9 0. 0.





That the "Imperial" Outfit has filled a long-felt want has been clearly proved. Thousands have been sold, and the demand is increasing. The phenomenal success of the "Imperial" Triple Extension has been gained on the basis of sheer merit, and the photographic public have been quick to recognise the exceptional value offered for the price charged. It is recognised by Dealers and Photographers everywhere as

THE LEADING LOW-PRICED SET.

SPECIFICATION.

Camera, with all practical movements, including Triple Swing Back; Rising, Falling, and Cross Front; Triple Swing Front; Triple Extension; Short Focus; Reversing Back; Dcuble Rack and Pinion; Brass Turntable; Beck Symmetrical Lens, with Iris Diaphragm f/8; one Double Bookform Dark Silde, with hinged division Three-fold Stand; Thornton-Pickard Time and Instantaneous Shutter, with Speed Indicator.

COMPLETE OUTFIT with LENS.	$\frac{1}{4}$ -plate $4\frac{1}{4} \times 3\frac{1}{4}$	5×4 and Post Card		$\begin{array}{c} 13 \times 18 \\ c/m \text{ and} \\ 7 \times 5 \end{array}$	$\begin{array}{c} 1/1\\ \text{plate}\\ 8\frac{1}{2}\times 6\frac{1}{2} \end{array}$	$ \begin{array}{c} 10 \times 8 \text{ and} \\ 18 \times 24 \\ \text{c/m} \end{array} $	12×10 and 24×30 c/m
With Beck Sym- metrical as specified		70/-	75/-	90/-	117/6	210/-	245/-
With Thornton- Pickard "Panto- planat" F/8	72/6	75/-	80/-	95/-	127/6	225/-	260/-
With Thornton- Pickard "Recto- planat" F/8	65/-	67/6	70/-	90/-	110/-	210/-	240/-
Teak "OVERSE See also p			al	Half- plate	95/-	Whole- plate,	147/6
SPECIAL OFF	ER. ¹	-PLATE	"Imper utfit	ial" with	"AL Anastign	DIS'' mat, F7.7	90/-
Extra Slides for	Stand	ard "In	perials	" Case	s. &c., a	s on pag	e 184.

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THORNTON-PICKARD

FOCAL PLANE IMPERIAL TWO-SHUTTER CAMERA.

• •

T.P

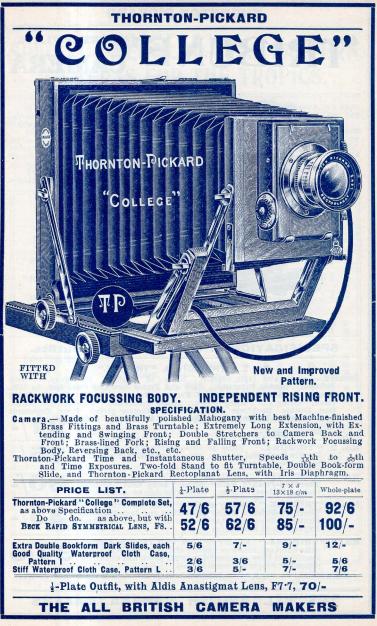
10



This Camera, which is sold as a Complete Outfit, is generally similar to the "Imperial Triple Extension" Outfit as described on page 185 but with the addition of a Special pattern Focal Plane Shutter built in the Camera body.

body. The Focal Plane Shutter has three apertures—one full width of the plate for Focussing purposes; the second, about 1½ inches wide, for slow and medium Instantaneous Exposures; and the third one is a narrow slit for High Speed Instantaneous Exposures up to Thooth second. Outside Indicators and Speed Tablet show at a glance the requisite combination of spring tension and Slit for any given exposure. The great range of speeds from "Time" to Tohoth second render this Camera suitable for any class of subject.

SPECIFICATION.—Exactly as on page 185. but with the addition of Focal Plane Shutter built in the Camer body, Half-Plate size, with Beck Lens	^{he} 110/-
OUTFIT with T.P. Ruby Anastigmat Lens F6.8	180/-
OUTFIT with Cooke Anastigmat Lens, F7.7	190/-
THE ALL BRITISH CAMERA	MAKERS





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THORNTON-PICKARD

SPECIAL "OVERSEAS" TEAK PATTERN CAMERAS FOR THE TROPICS.

In response to numerous requests from Colonial and other customers, we have introduced our principal Camera Sets in what will be known as the "OVERSEAS" PATTERN.

These Cameras are built of **Seasoned Teak throughout**—a wood expressly selected for its heat and damp-resisting qualities. Every joint is specially strengthened by being screwed as well as glued, and the glue used is of Special Waterproof quality. These Outfits are **polished a rich teak colour** and present a beautiful and pleasing appearance.

The Brassbound "OVERSEAS" Models make ideal outfits for any climate, and will withstand the most severe atmospheric conditions.

PATTERN OF CAMERA.	Specification same as Standard Outfit on pages		$\mathbf{Plate}_{\times 4}$			$\frac{1}{2} \times 6$	
"ROYAL RUBY "	182, 1A Outfit	£11	15	0	£16	15	0
"PERFECTA"	184, with Beck Lens, F/8	6	0	0	8	17	0
"IMPERIAL"	185, with Beck Lens, F/8	4	15	0	7	7	0
BRASSBINDING Camera "Royal Ruby" "Perfecta"	and Slide—	1 1	5 5 5	0000	1	15 15 15	000
	1 Ruhy"	1	2	6	1	7	6
Extra Teak Sildes each, "Roya "Perfe ",",","," Brassbo ",","," " " " OVERSEAS" PATTI	"Perfecta" and "Imperial"	0	12 7 16 FLE	6 6 X C	0 1 1 2 3 3	18 12 2 RAS	6 6 6
,, ,, ,, BFASSDO ,, ,, ,, ,, BFASSDO ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	"Perfecta" and "Imperial" ERN HAND ANI	D REI	7 16 FLE	6 6 X C	1 1 CAME Brass	12 2 RAS	6 6
", ", ", Brassoo ", ", ", ", ", ", ", ", ", ", ", ", ", "	"Perfecta" and "Imperial" ERN HAND ANI	D REI	7 16 FLE I str Plat	6 6 X C ongly e.	$\begin{vmatrix} 1 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	12 2 RAS	6 6
", ", ", Brassoo ", ", ", ", ", ", ", ", ", ", ", ", ", "	"Perfecta" and "Imperial" ERN HAND AND I a Rich Teak colo RSEAS " (Teak). Specification as on page 193,	D REI ur and 4-	7 16 FLE 1 str Plat te. 0 0	6 6 X C ongly e. 0 5×4 9×11	$\begin{bmatrix} 1 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	12 2 RAS bound PC. 12 c/r 4 7 $\frac{1}{2}$ -Pl £22	6 6

THORNTON-PICKARD

The Thornton-Pickard New 1911 Patent UNIT" FOCAL CAMERA SETS PLANE "ROYAL RUBY," "PERFECTA," and "IMPERIAL" TRIF

The "ROYAL RUBY," "SPECIAL RUBY," "PERFECTA," and "IMPERIAL" TRIPLE EXTENSION CAMERAS, in both Standard and "Overseas" Models, can all be supplied with the "UNIT" Self-capping Time and Instantaneous Focal Plane Shutter, built in the Camera Body. N.B.—For description of "Overseas" Model see heading page 182.

SPECIFICATION.—In each case the Specification is the same as the Standard Set of each respective pattern, and comprises Triple Extension Camera, with Turntable, 3-fold Ash Stand, Double Bookform Dark Slide, "Unit" Time and Inst. Self-capping Focal Plane Shutter embodied,

ALL BRITISH CAMERA

SPECIAL RUBY "UNIT" Camera

Set, 1-plate only

THE

With " Ruby

Anastigmat F6.8

£13 16 6

Outfit WITHOUT Lens

£10 5 0

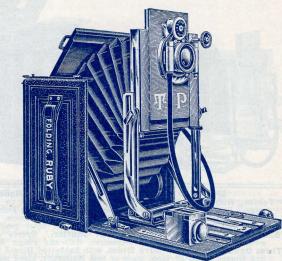
MAKERS

"Unit" Time and Inst. Self-capping Focal Plane Shutter embodied, and Lens as per list below.

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66

Foldina Ruby. " NO. PERFECT MODERN THE HAND CAMERA.



"OMNIFLEX" RISING, FALLING, SWINGING, AND EXTENDING FRONT.

This is the cheapest model of the "Folding Ruby" series, and is a high-class Hand Camera suitable for every class of work. It is sold at a price so moderate as to bring it within the reach of all who require a portable, practical instrument which embodies every movement the most advanced Hand Camerist is likely to require.

SPECIFICATION AND PRICES, No. 1 "FOLDING RUBY" OUTFIT.

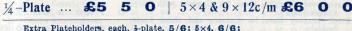
"FOLDINC RUBY" HAND CAMERA, with movements as above. Best Selected Mahogany, beautifully polished internally, with handsome machine-made highly-finished Brass Fittings, covered externally with Real Seal-Crained Morocco Leather, fitted with Leather Carrying Handle and Long Sling Strap.

SHUTTER. New Pattern Bausch & Lomb "AUTOMAT" Between-Lens giving vari-able Instantareous Exposures up to 1/100th sec., as well as "Time" and "Bulb" Exposures. Fitted with Pneumatic and Finger Releases.

PLATEHOLDERS. Three Platcholders of new design, with Spring Light Traps and Aluminium Shutters.

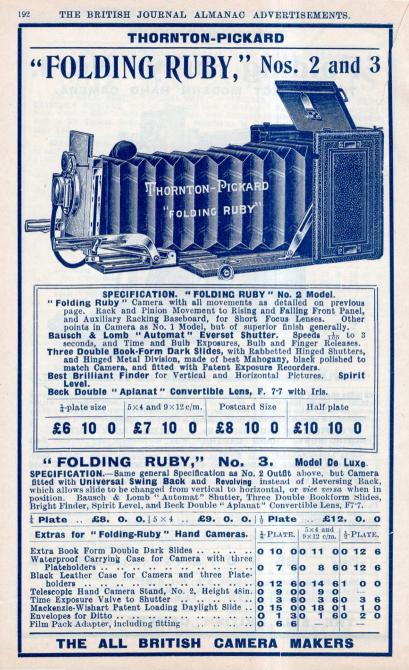
BRIGHT FINDER, for Vertical and Horizontal Pictures. SPIRIT LEVEL.

LENS. Beck Rapid Symmetrical, with Iris Diaphragm, F/8.



Extra Plateholders, each, $\frac{1}{2}$ -plate, 5/6; 5×4 , 6/6; Waterproof Carrying Case, $\frac{1}{2}$ -pl., 7/6; 5×4 , 8/6; Black Leather Case, $\frac{1}{2}$ -pl., 12/6; 5×4 , 14/6.

ALL BRITISH THE CAMERA MAKERS



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THORNTON-PICKARD

'FOLDING RUBY UNIT'

The "Folding Ruby Unit" is made in one pattern, and in all sizes from 4-plate to 4-plate. It is similar in general features to the No. 2 "Folding Ruby," with the addition of the Unit Time and Instantaneous Focal Plane Shutter built in the body. The Photographer equipped with the "Folding Ruby Unit" Camera will be provided with the most perfect apparatus for work of every class, for not only will the Shutter give every variety of exposure, but the Camera also gives every practical movement the Photographer can require.

-

ORNTON

RUB

OLDING

16

One great advantage of the Unit Shutter built in the Camera body is that it does away with the use of the various inefficient types of between-lens shutters, and provides instead the most simple and efficient form of shutter it is possible to design. It also leaves the lens board free for the fitting of the lens only, and that in its original rigid Iris mount.

SPECIFICATION AND PRICE LIST.

In every detail these Outfits are similar to the "Folding Ruby" No. 2, as listed on page 192, with the addition of "Unit" Focal Plane Shutter embodied (see page 178).

	1 22 61 15 21	STANDA	RD PAT	TERN-M	HOGANY-]	LEATHER (COVERED
No.	OUTFIT WITH LENS	LE Series	Aper- ture	$\begin{array}{c} \frac{1}{4} - \text{Plate} \\ 4\frac{1}{4} \times 3\frac{1}{4} \end{array}$	5×4 and 9×12 c/m.	$\begin{array}{c} \mathbf{Postcard} \\ 5\frac{1}{2} \times 3\frac{1}{2} \end{array}$	$\frac{1}{6\frac{1}{2}}$ -Plate $6\frac{1}{2}\times4\frac{3}{4}$
1 2 3 5 6 10 11	Thornton-Pickard Ruby Anastigmat Dallmeyer 'Stigmatic' Beck 'Isostigmat' Aldis Anastigmat Cooke Anastigmat Cooke Anastigmat	TV. II. II. II. II. III.	F6.8 F6.3 F6 F5.8 F6 F6.5 F4.5	13 0 0 13 0 0 16 5 0 12 12 6 11 12 6 14 2 0 14 19 6	14 7 6 14 7 6 17 12 6 14 0 0 13 0 0 15 9 6 16 7 0	15 7 6 15 7 6 18 12 6 15 5 0 14 0 0 16 9 6 17 7 0	17 15 0 18 0 0 21 17 6 17 7 6 17 12 6 19 5 0 20 7 6



"NIMROD AUTOMAN" Self-Erecting Hand Cameras.



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Not					1000
	t Ma	de.	£3	15s.	0d.
£4	4s.	0d.	£5	5s.	0d.
£5				The second	Od.
	9/-			6/- 9/- 12/6	
10	£5	£5 5s. 5/- 9/- 9/-	£5 5s. 0d. 5/- 9/- 9/-	£5 5s. 0d. 5/- 9/- 9/-	£5 5s. 0d. 5/- 9/- 9/-

Fullest details of above Cameras in Complete Catalogue published January, 1911

"UNITA" Collapsible Camera.



RANGE OF SPEEDS 3 Seconds to 1/1000th.

Fitted with the Patent

"UNIT" TIME & INSTANTANEOUS SELF-Capping focal plane shutter.

The notable point of difference between the new "Unita" Camera and the various makes of Collapsible Cameras already on the market, is that the "Unita" is fitted with the Thornton-Pickard Patent "Unit" Self-capping Time and Instantaneous Focal Plane Shutter, as described in detail on page 178. This fact alone makes the "Unita" preferable to all other Cameras of similar type. It is superior to all others both for simplicity and efficiency. One and the same turn of the Winding Key performs the necessary operations for the correct working of the "Unit" Focal.

SPECIFICATION.—Quarter-Plate (41 by 81) "Unit" Camera, with Mahogany Body, leather-covered, and with ebony polished Front and Back. Strong self-locking Steel Struts, fixing camera absolutely rigid. Square Morocco Leather Bellows. "Unit" Self-capping Time and Inst. Focal Plane Shutter embodied. Pneumatic and Trigger Releases. Rising, Falling, and Cross Front. Three Double Plateholders, Aluminium Cased. Direct Vision Finder and including Leather Carrying Case.

Outfit as above without	Lens						£7	10	0
With Thornton-Pickard	Ruby An	astign	1at F6.8]	Lens in Focussin	g Mo	unt.	11	0	0
Do. do.	do.	II.	F6.	do.			13	5	0
Do. Cooke Anastigmat	do.	III.	F6.5	do.			11	16	6
Extra Plateholders of	Special	Qual	ity, Alur	ninium Cased			0	10	6
Black Leather Case							0	10	0

THE ALL BRITISH CAMERA MAKERS

SUNBEAM

HORNTON-PICKARD SUNBEAM

Illustration of MODEL A.

The All British Made Roll Film Camera. SPECIFICATION, MODEL A.

Camera .-- Best well-seasoned Mahogany, with Aluminium Baseboard, and Best Nickelled Fittings. Covered in Best Black Seal-grained Leather. Fitted with all necessary movements, including Rising, Falling, and Cross Front. Automatic Spring Stretchers. Camera Front Clamp. Self-detaching Spring Back, and Improved Spoolholder. Tripod Bushes. Real Leather Bellows.

Infinity Catch.—Automatically Locks the Front on "infinity" focus. Extension at

(Model A is fitted with Improved Auto. Focussing Stop for varying distances.)

(Model A is filted with Improved Auto. Focussing Stop for varying distances.) Engraved Focussing Scale, with Pointer for objects nearer than infinity. Lens.—Beck Rapid Symmetrical, with Iris F8. Finder.—Combined Brilliant Reversible Swivel Finder and Spirit Level. Shutter.—New Pattern "Automat" Everset Between-Lens, giving variable Instantaneous Speeds of $\frac{1}{15}$, $\frac{1}{20}$, and $\frac{1}{100}$ for second. Automatic Expo-sures of 1, $\frac{1}{2}$, and $\frac{1}{5}$ second. Also "Time" and "Bulb" Pneumatic and Trigger Releases.

SPECIFICATION, MODEL B.

Exactly as above, but with DOUBLE EXTENSION BELLOWS, Rack and Pinion Focussing, Screw Arm Adjustment, Rising and Falling Front, Swing Back, &c.

QUARTER-PLATE SIZE $(4\frac{1}{4}"\times 3\frac{1}{4}")$.	Series	Aper- ture	Model" A"	Model "B
"Sunbeam" Camera with Beck Sym. Lens ",",", Ruby Anastigmat		F8 F6·8 F6	£3 10 0 6 6 0 4 15 0	£4 10.0 7 7 6 5 15 6
"Koilos" Shutter in place	of Au	utom	at, 15/-	extra.
THE ALL BRITISH	CAMI	ERA	MAKE	RS

THORNTON-PICKARD

RUBY'





RUBY REFLEX. PRICE LIST & SPECIFICATION. Camera.—Body made of Mahogany throughout, covered with fine seal-grained morocco leather. All external metal fittings black oxydised scassprannelled, and mechanism covered with dull black ebonite plates. Camera, Back, Front, and Focussing Hood Frame all made of specially seasoned and prepared ebonised wood, black throughout. Detachable Lens Box of Black Ebonised Wood, with Sky Shade. , Reversible Focussing Hood, to enable photographs to be taken without the subject's knowledge. Made of Stiffened leather, rigid when

erected, holding flat when not in use. Detachable for cleaning ground glass

Reflecting Mirror of specially-prepared glass, silvered on the surface,

everset. "Unit" Focal Plane Shutter,-Quickwind, latest and most perfect Time Exposures of any duration. Instantaneous Exposures of type. 1-10th to 1-1000th of a second. Automatic Self-capping Blind. Plateholders.—Three, each holding two plates; or Double BookformSlides, instead of solid Plateholders, at extra price.

RUBY REFLEX CAMERAS with VARIOUS MAKES of LENSES. Specification as above, with Three Double Platcholders and Lens as quoted.

OUTFIT WITH LENS	Series	Largest Ap'ture		$plat_{\frac{1}{2}\times3}$		Pos	5×4, stcar 12 c/ izon	rd, m	Po 9×: So Rev	12 c qua	rd, p/m re sing		$\times 4\frac{5}{4}$	
Thornton-Pickard "Ruby" Anastigmati Do. do. Aldis Anastigmat Beck Isostigmar Cocke Anastigmat Do. Do		F6'8 F6'3 F6' F5'8 F4'5 F6'5	£ 11 14 10 11 13 12	s. 10 15 12 10 15 17	d. 0006006	£ 12 15 11 12 14 13	s. 10 15 120 15 17	d. 0006006	£ 16 20 14 16 18 17	s. 05262 162 162 162	06660	£ 20 21 26 19 23 23 23 23	s. 10 15 10 17 5 10 13	d.0006006
"RUBY REFLEX" Camera and 3 Plate- holders without Lens	-} £8	Plate	5×4 P	$\times 12$	Card	and 5	×4, I	~ 12	c/m.		£10	¹ ⁄₂-Pla ³ 6 1	1	0

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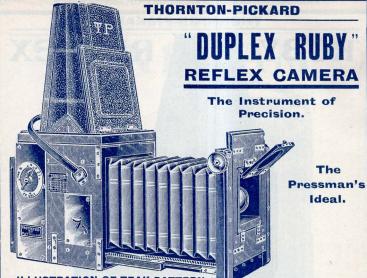


ILLUSTRATION OF TEAK PATTERN.

PRICE LIST AND SPECIFICATION. RUBY REFLEX.

Camera.-Body made of Mahogany throughout, covered with fine seal-grained morocco leather. All external metal fittings black oxydised and enamelled, and mechanism covered with dull black ebonite plates. Camera, Back, Front, and Focussing Hood Frame all made of specially seasoned and prepared ebonised wood, black throughout. Rack and Pinion Rising and Falling Front, with self-locking Pinion. Double Extension, operated automatically by One Pinion, allowing use of lenses of long focus.

Revolving Back, automatically giving Vertical or Horizontal picture. Detachable Lens Box of Black Ebonised Wood, with Sky Shade. Reversible Focussing Hood, to enable photographs to be taken without the subject's knowledge.—Stiffened Leather, rigid when erected, holding flat when not in use. Detachable for cleaning ground glass. Reflecting Mirror of specially-prepared glass, silvered on the surface,

everset.

"Unit" Focal Plane Shutter.—Quickwind, latest and most perfect type. Time Exposures of any duration. Instantaneous Exposures of 1-10th to 1-100th of a second. Automatic Self-capping Blind. Plateholders.—Three, each holding two plates; or Double Bookform Slides, instead of Solid Plateholders, at extra price.

DUPLEX RUBY REFLEX WITH LENS.	Series	Aper- ture		plat ×3		9×:	4, P. and 12 c/ izon	m	and	4, P. d 9× c/m volvi Back.	12 ng	3-J 6	Plate	Ð.
With Thornton-Plokard "Ruby" Anastigmat Do. do. Aldis Anastigmat Beck Isostigmar Cooke Anastigmat Do. do. Geerz Dagor	IV II II II III	F6.8 F6.3 F6. F5.8 F4.5 F6.5 F6.5 F6.8	£ 13 16 12 13 15 14	s. 10 10 15 12 10 15 17 5	d. 00060060	£ 14 14 17 13 14 16 15 17	s. 10 15 12 15 15 15 15 15 15	d.00060060	£ 19 19 23 17 19 21 20 22	s. 052 162 162 162 5	d. 00666000	£ 23 24 29 224 26 27	s. 10 15 10 17 5 10 13 15	d.00060060
"DUPLEX RUBY" Came and three Plateholders,		hutter, t Leus	10	10	0	12	12	0	15	15	0	20	0	0
N.B.—Sunk or Iris	Lens	Mounts as fou					th a	bo	ve R	eflex	(Ca	amei	as,	

THORNTON-PICKARD

"ROYAL RUBY" REFLEX CAMERA



PICKARD

PRICE LIST AND SPECIFICATION.

Boxform Reflex Camera, covered with fine seal-grained Morocco Leather, and with all external fittings either leather covered or oxydised. Extending Baseboard, with extra long extension of 15in. full in ‡-plate size. "Omnifiex" Rising, Falling, Swinging, and Extending Front. Detachable Lens Panel. Rack and Pinion Focussing, for near objects. Long Reversible Focussing, for hear objects.
 Long Reversible Focussing Hood, rigid when erected. Reversible to allow photographs to be taken without the subject's knowledge.
 Best Silver-surfaced Everset Reflecting Mirror, specially mounted, and returning to "set" position after each exposure. No vibration during actual exposure Release, releasing Shutter and raising Mirror simul-Double-acting taneously taneously.
 Special Locking Device for securing Mirror out of way when using Camera on a tripod.
 Thornton-Pickard "Unit" Self-capping Time and Instantaneous Focal Plane Shutter, fitted with Adjustable Slit and Adjustable Spring Tension, Speed Tablet, Speed Indicator, and Slit Indicator. Speeds, Jarobian Speed Tablet, Speed Indicator, Speeds, Jarobian Speed Tablet, Speed Indicator, Speed Spring Tension, Speed Tablet, Speed Indicator, Speed, Jarobian Speed Tablet, Speed Indicator, Speed Spring Tension, Speed Tablet, Toth to Toboth of a second, and Time Exposures of any duration. (For full description of the "Unit" Shutter, see page 178.) Tripod Bush, for use on Stand. Three Double Plateholders of new design, fitted with Spring Light Traps and Aluminium Shutters, or Double Bookform Dark Slides, at extra price. Quarter Plate 5×4, 9×12 c/m Half Plate 41×31 and Post Card 6±×4 "Royal Ruby" Reflex Outfit, as above specifica-£12 12 0 £18 0 0 £24 0 0 tion (without Lens) Do., without Lens, but with Three Bookform Slides instead of Plateholders. 13 20 18150 2500 "ROYAL RUBY" REFLEX, as above specification, with three Double Plateholders and Lens as listed below. Quarter Plate 5×4, 9×12 c/m | Half Plate

Thornton-Pickard	Series	Aperture	$4\frac{1}{4} \times 3\frac{1}{4}$	and Post Card	$6\frac{1}{5} \times 4\frac{8}{4}$
"Ruby " Anastigmat		F6.8	£15 10 0	£21 50	£27 10 0
Dallmeyer Stigmatic	IV.	F6'3		21 10 0	
Do. do	II.	F6	18 15 0	25 76	33 10 0
Beck Isostigmar	II.	F5 8	15 10 0		
Cooke Anastigmat	III.	F6'5	16176		
Do. do	II.	F4'5	17 15 0	24 00	30 10 0

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SAFETY"

MAGAZINE

HAND CAMERA 4-PLATE SIZE ONLY.

10

Illustration of No. 3A "Safety" Camera, price 30/-

DORWOOM PICKARD CHERY n

200

Made in 11 Patterns, Series I, IA, and Model de Luxe.

SPECIFICATION. No. 1 " SAFETY " MAGAZINE HAND CAMERA.

Camera made of well-seasoned hard wood, and covered with Black Seal-Grained Leatherette, with Nickelled Fittings. Hinged Front Door for cleaning Lens and Finders. Inside Lens Board, Camera Sides, and Back of Front Door beautifully polished. Hinged Back Door to Magazine Chamber, with supplementary door for removal of exposed plates. Perfect Changing Arrangement of the greatest reliability. Automatic Numerator. Shutter.— "Everset" Between Lens Shutter for Time, Bulb, and variable Instanta-neous Exposures, with Pneumatic and Trigger Releases. Lens.—Thornton-Pickard Achroplanat, a single Lens, giving brilliant definition, and capable of producing good sharp pictures. Portrait Attachment .- For focussing objects nearer than infinity. Finders.-Two, for vertical and horizontal, Brilliant pattern, showing image right way up. Tripod Bushes, fitted for vertical and horizontal pictures when used on Stand. No. 1 "SAFETY" MACAZINE CAMERA. Quarter-plate Size, as above specified No. 2 "SAFETY " MAGAZINE CAMERA. Same as No. 1, but fitted with T.-P. "Rectoplanat" Double Rectilinear Lens instead of Achroplanat No. 3 " SAFETY " MACAZINE CAMERA. Same specification as No. 1, but with Racking Focussing Arrangement for objects nearer the Camera than infinity, with Engraved Focussing Scale No. 4 "SAFETY "MACAZINE CAMERA. Same as No. 3, with Rack and Pinion Focussing, and with "Rectoplanat" Lens instead of Achroplanat "Koilos" Shutter, 15/- extra; Bausch & Lomb "Automat," 7/6, in all cases. THE ALL BRITISH CAMERA MAKERS

For other patterns of "Safety" Camera see complete Catalogue published in January

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THORNTON-PICKARD

The Finest 21/- Camera Made.

VEENIE

Illustration of 21/- Pattern A.

THE

1911

HORNTON PICKARN

NEW .

"WEENIE"

SPECIFICATION.

Camera.—Body and Baseboard of good seasoned Mahogany, covered in best fine-grained Morocco Leatherette. Brass fittings, beautifully burnished and lacquered. Real Leather Bellows. Focussing Scale. Infinity Catch. Rising and Falling Front, Ground Glass Focussing Screen, &c. Lens.—Rapid Achroplanat, with Iris Diaphragm. Shutter.—T.-P. "Eclipse," giving Time Bulb and Instantaneous Expo-sures. Pneumatic and Finger Release. Reversible View Finder, for vertical and horizontal. Slides.—Two Single Metal Slides, with Plush Light Traps. Tripod Bushes, for Vertical and Horizontal Pictures. PRICES. PATTERN A.-21/-Do. do. but with T.-P. Rectoplanat Double Lens instead of Single Achroplanat Weenie" Camera, as above Specification ... 25/-Do. do. Double Extension Bellows, with Rack and Pinion, Achroplanat Lens.. PATTERN D.-30/-Do. do. Double Extension Bellows, with Rack and Pinion, and T.-P. Rectoplanat Lens 35/-



The "Royal Ruby" is a Perfect Combination Enlarger and Optical Lantern.

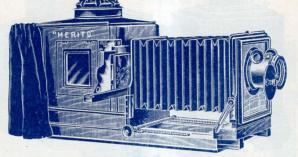
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A.

THORNTON-PICKARD

'Merito' Folding Optical Lantern



"MERITO" Lantern Erected.

THE LATEST AND MOST PRACTICAL NOVELTY IN PROJECTION LANTERNS.

This instrument is a really practical and efficient Folding or Collapsible Lantern, and is designed to retain every essential feature necessary to success in lantern manipulation. It is the first Collapsible Lantern really worthy of the name, and, whilst it is extremely compact for transit purposes, it can be opened out and erected in a few seconds. The Lantern has a handsome and striking appearance, rack and pinion extension baseboard superseding and excelling lengthening tubes, long or short focus lenses can be used at will, and the bellows are detachable for demonstration work.



Folded and Packed in Leather Case.

SPECIFICATION.—Lantern, Mahogany body lined with Russian iron and asbestos, rack and pinion focussing movement to base, detachable bellows. Condenser, 4in., bi-convex meniscus. 6in. Focus Objective. Fine Focussing Objective Jacket. Limelight Jet, with fine adjustment. "Merico" Patent Slide Carrier. Leather Carrying Case, with Lock and Key.

Price, Complete Outfit, £9. 9s. Od. THE ALL BRITISH CAMERA MAKERS

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The Thornton-Pickard "MERITO" Patent Developing Tank is the result of much experimental work to obtain a suitable apparatus at a reasonable price, and one that will give the maximum of advantage with the minimum of trouble, and we recommend it with full assurance that it will be found to be the very best Stand Developing Tank obtainable.

A darkened room or light-tight bag is all that is necessary for the plates or films to be placed back to back in the loose rack and the Tank Lid duly closed.

All subsequent operations are carried out in broad daylight, including washing between development and fixing.

ADVANTAGES.

Absolutely Watertight in any position during development.

The only Tank on the market combining above feature with a clear passage right through the Tank for Washing.

Clear passage ensures absolute elimination of Hypo when washing after fixing, and prepares Tank for next developing operation.

Enables Photographers to develop plates with success on tour. Beautifully Nickel-Plated.

Handsome and Neat Appearance.

Superior to and more efficient than any other Tank on the market. PRICES:

1-Plate

7/6

5x4 & P.C.

3-Plate



PRICE LIST OF THORNTON-PICKARD CAMERAS, &c.

Size of Plate in inches.	Quarter- Plate $3_{4}^{1} \times 4_{4}^{1}$	5×4 and $9 \times 12 \text{ c/m}.$	$\begin{array}{c} \textbf{Half-Plate} \\ \textbf{6}_{2}^{1} \times \textbf{4}_{4}^{3} \end{array}$	$\begin{array}{c} 7_{\frac{1}{2}} \times 5 \\ \text{and} \\ 13 \times 18 \text{ c/m.} \end{array}$	Whole- Plate $8_{\frac{1}{2}}^{\frac{1}{2}} \times 6_{\frac{1}{2}}^{\frac{1}{2}}$	10×8 and 18×24 c/m.	$\begin{array}{c} 12 \times 10 \\ \text{and} \\ 24 \times 30 \text{c/m.} \end{array}$	THE
HIGH ALL SIDE STATEMENTS STATEMENTS SIDE STATEMENTS STATEMENTS SIDE STATEMENTS STATEMENTS STATEMENTS SIDE STATEMENTS STAT	£ s. d. 1 18 6 0 16 0 0 16 0 1 10 0 1 7 6 0 7 6 0 4 0 0 5 0 0 5 0 0 3 6 0 15 6 1 2 0	£ s. d. 	$ \begin{array}{c} \pounds & \text{s. d.} \\ 7 & 10 & 0 \\ 8 & 15 & 0 \\ 1 & 5 & 0 \\ 1 & 5 & 0 \\ 1 & 5 & 0 \\ 1 & 5 & 0 \\ 1 & 10 & 0 \\ 2 & 1 & 6 \\ 1 & 10 & 0 \\ 4 & 10 & 0 \\ 1 & 10 & 0 \\ 4 & 6 & 0 \\ 1 & 10 & 0 \\ 4 & 6 & 0 \\ 1 & 10 & 0 \\ 4 & 6 & 0 \\ 1 & 10 & 0 \\ 4 & 6 & 0 \\ 1 & 10 & 0 \\ 4 & 6 & 0 \\ 1 & 10 & 0 \\ 6 & 0 & 17 & 6 \\ 0 & 17 & 6 \\ 0 & 17 & 6 \\ 0 & 17 & 6 \\ 1 & 0 \\ \end{array} $	$\begin{array}{c} \pounds \text{ s. d.} \\ 9 \text{ 5 0} \\ 11 \text{ 0 0} \\ 1 \text{ 10 0} \\ 1 \text{ 11 0} \\ 1 \text{ 11 0} \\ 1 \text{ 15 0} \\ 5 \text{ 16 0} \\ 1 \text{ 11 0} \\ 1 \text{ 15 0} \\ 5 \text{ 16 0} \\ 1 \text{ 11 0} \\ 2 \text{ 10 0} \\ 1 \text{ 10 0} \\ 1 \text{ 5 0} \\ 0 \text{ 11 0} \\ 1 \text{ 0 0} \\ 1 \text{ 5 0} \\ 0 \text{ 10 0} \\ 1 \text{ 5 0} \\ 0 \text{ 10 0} \\ 1 \text{ 5 0} \\ 0 \text{ 10 6} \\ 0 \text{ 14 6} \\ 0 \text{ 4 0} \\ 0 \text{ 7 6} \\ 0 \text{ 17 6} \\ 1 \text{ 4 0} \end{array}$	$ \begin{array}{c} \pounds \text{ s. d.} \\ 10 & 5 & 0 \\ 11 & 15 & 0 \\ 1 & 15 & 0 \\ 1 & 10 & 0 \\ \hline \\ 3 & 5 & 6 \\ 4 & 11 & 6 \\ 1 & 11 & 0 \\ 1 & 11 & 0 \\ 1 & 11 & 0 \\ 1 & 11 & 0 \\ 1 & 11 & 0 \\ 1 & 11 & 0 \\ \hline \\ 2 & 15 & 0 \\ 1 & 2 & 6 \\ 1 & 7 & 6 \\ 1 & 7 & 6 \\ 0 & 15 & 0 \\ 1 & 2 & 6 \\ 0 & 14 & 6 \\ 0 & 18 & 6 \\ 0 & 12 & 6 \\ 0 & 12 & 6 \\ 0 & 12 & 6 \\ 0 & 12 & 6 \\ 0 & 12 & 6 \\ 0 & 12 & 6 \\ 0 & 12 & 6 \\ 0 & 12 & 6 \\ 0 & 19 & 6 \\ 1 & 6 & 0 \\ \end{array} $	$\begin{array}{c} \pounds \text{ s. d.} \\ 11 10 0 \\ 2 0 0 \\ \hline \\ 2 0 0 \\ \hline \\ 7 5 0 \\ \hline \\ 7 5 0 \\ \hline \\ 1 15 0 \\ \hline \\ 1 10 0 \\ \hline \\ 1 10 0 \\ \hline \\ 1 0 0 \\ \hline 1 0 0 \\ \hline 1 0 \\ \hline 1 0 0 \\ \hline 1 0 0 \\ \hline 1 0 \\ \hline 1 0 0 \\ $	£ s. d. 15 10 0 2 5 0 	E BRITISH JOURNAL ALMANAC ADVERTISEMENT

SPECIAL OFFER.

"Imperial" Outfit, as Specification on page 185, with "ALDIS" Anastigmat, F7.7. HALF-PLATE SIZE.

85/-

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THORNTON-PICKARD THE THORNTON-PICKARD THREE FOCI RUBY ANASTIGMAT



is a Perfect Modern Anastigmat of the Highest Class, at **Popular Prices.** Definition Critical all over the Plate at full aperture, F6.8.

In view of the fact that there are now such large numbers of both British and foreign-made Anastigmat Lenses on the market, it becomes increas-ingly difficult for the photographer to select a suitable Lens of really good value. Under these circumstances we would draw the attention of users of Photographic Lenses to the above illustrated "Ruby Anastigmat" Lens.

This Lens is, when required, fitted to all the Cameras of our manufacture. and when bought in conjunction with any of our "Ruby" or "Royal Ruby" Cameras, forms part of an Outfit which stands unrivalled for thorough efficiency in operation and perfect design and finish.

Thornton-Pickard "RUBY ANASTIGMAT."

The NEW THORNTON-PICKARD "RUBY ANASTIGMAT" is a Lens of the high-class Anastigmat type and of the finest quality. It is a Lens for universal work, has a large working aperture of F6.8, at which aperture the plate is sharply covered to the extreme edges. For definition, brilliancy, and flatness of field, no lens at the price can equal it. It is suitable alike for Portraits, Groups, ordinary Snap Shot, and High Speed Instantaneous Work, and, in fact, for every class of subject. Though considerably lower in price, it is quite the equal of many of the higher-priced Anastigmats on the market, and is strongly recommended.

The prices for this Lens and the approximate foci of the various sizes are given below.

6				E O red			ly at			De	escription.	Equiv. Focus, inches.	Full Aperture		PRIC.	E
	F	6.8	3	F	16		E	44		1.1.5		menes.		1		
	414 5 61	×××	31 4 43	61/2 8 81/8	×××	48 5 65		×××	6 ¹ / ₂ 8 10	"RUBY	ANASTIGMAT"	5 6 71 8	F 6.8 F 6.8 F 6.8	334	5 10 0	000
	71 83 10	×××	5 61 8	8 ¹ / ₂ 10 12	×××	65 8 10	12 15 18		10 12 15	**	**	8 91 10	F 6.8 F 6.8 F 6.8	467	10	-

Photographers' opinions on the Thornton-Pickard " Ruby Anastigmat " Lons : I may say I consider my Ruby Anastigmat second to none.-E.C.S. The Ruby Anastigmat is a beautiful Lens.-P.V.S.

Personally I consider the Ruby Lens is a Gem.-W.C.S.

ALL BRITISH CAMERA MAKERS THE

CARRYING CASES

For THORNTON-PICKARD and other Cameras.



PATTERN A.

Patterns A and B are Waterproof Cloth Cases, Leather Bound, with Collapsible sides and Loose division, lined with Green Baize, and fitted with Snap Lock and Key, and Shoulder Strap.

A To hold Camera, three Slides, Shutter, Lens, Focussing Cloth, &c.

B To hold three extra Slides only.

Pattern H is a strong Waterproof Cloth Case, Leather Bound, to hold Tripod Stand.

Patterns C and D are Strong Waterproof Cloth Cases, Leather



PATTERN D.



PATTERN C.

Bound, with **Stiff** Sides and Fast Division Lined with Green Baize, and fitted with Snap Lock and Key, Handle and Shoulder Strap, which may also be used Knapsack fashion.

C To hold Cameras, three Slides, Shutter, Lens, Focussing Cloth, &c.

D To hold Camera, six Slides, Shutter, and accessories; or Camera with Lens attached in situ, five Slides, Shutter, and accessories; or Stereoscopic Camera, five Slides, Shutter, and accessories.

LEATHER CASES.

Patterns F and G are best portmanteau finish Leather Cases, built on internal steel framing. They hold respectively same as Waterproof Cloth Cases C and D.

Size	es and Prices.	4	1±×	31		5×	4	6	1×	13	7	ł×	5	8	×	3	10>	<8	12	×1	0
Pattern Pattern Pattern Pattern Pattern Pattern	F Solid Leather".	0001	5 14 17 5 0 7	606000	000120	6 15 19 10 5 7	800000	0011120	7 16 15 15 7	600000	0012	8 18 2 0 17	6000	011223	9045	601 01 01	12	0000	1 1 1 1 4 1 6 0	8500	0000 6

SECOND QUALITY.

Our second quality Cases are substantial and serviceable, and much lower in price. Patterns J, K, and N correspond respectively to cases A, C, and D as regards their carrying capacity, and Pattern O to Leather Case F.

Sizes and Prices.	41 × 31	5×4 & 9×12 c/m.	63×43	7½×5 & 13×18 c/m	8½×6½		
Pattern J Pattern K Pattern M (Stand Case) Pattern Ø (Leather Case)	0 12 0	0 5 0 0 7 6 0 12 6 0 4 6	0 5 6 0 9 0 0 13 6 0 4 6 0 17 6	0 6 8 0 10 6 0 14 6 0 4 6 	0 7 0 0 11 6 1 0 0 0 5 0 1 7 6		

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