

CAMERAS etc. by ENSIGN



ENSIGN LIMITED
HIGH HOLBORN
LONDON, W.C.1



Worn Always Carried Everywhere

—The ENSIGN MIDGET CAMERA



A Thrilling Event

The buying of a camera should be a thrilling event ; not to be looked upon as just buying something with which to take a few snapshots at the seaside.

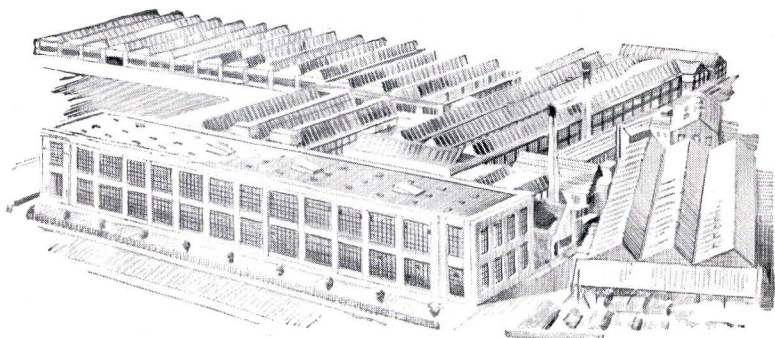
Apart from the fact that the simple camera of to-day is the outcome of some of the finest research work that has ever been done, it unquestionably endows it's owner with great and frequently unsuspected powers—especially such a camera as the new Ensign MIDGET which can be “worn” always.

A camera enables you to express latent artistic ability and the whole practice of photography is creatively fascinating from beginning to end.

Therefore choose your camera with discretion—buy the best you can afford and make of it something more than a mere “snaps” taker.

THE ENSIGN GUARANTEE

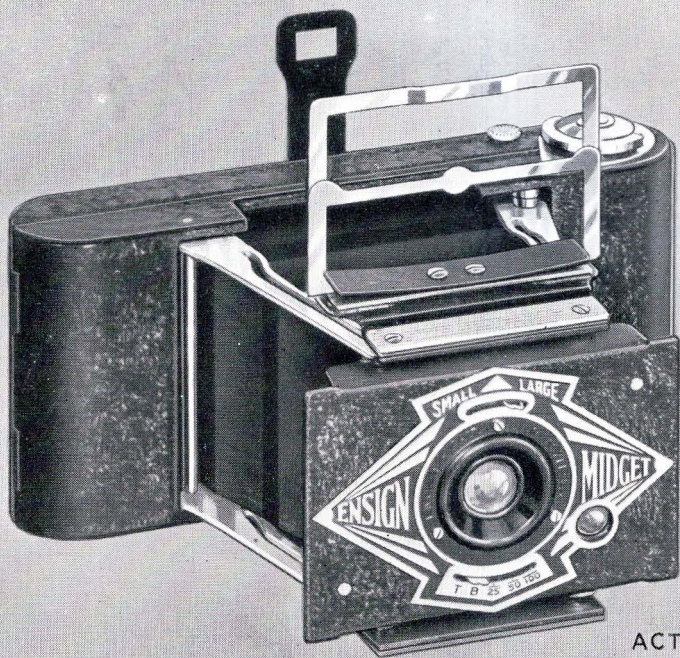
Ensign Cameras are made by craftsmen of infinite experience at the Ensign Factory, Walthamstow, London, and are guaranteed to be mechanically and optically perfect when sent out.



THE ENSIGN
CAMERA WORKS,
WALTHAMSTOW, LONDON

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN "MIDGET" CAMERA

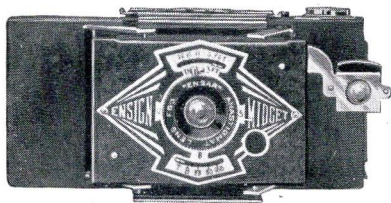


ACTUAL
SIZE



ENSIGN MIDGET CAMERA

" THIN AS TWO CIGARETTES "



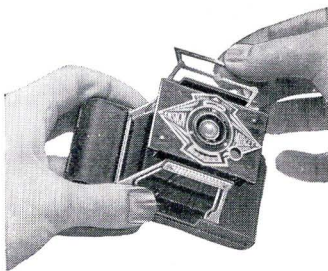
The reflex "waist-level" view-finder

waistcoat pocket or a lady's handbag without being noticed—a camera, therefore, which one can "wear."

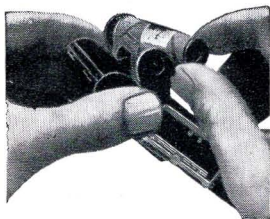
No longer will there be missed opportunities. Here is the slogan :

**"Wear it Always—
—Like your Watch"**

The ENSIGN MIDGET is not merely a very small camera. It is a complete revolution in camera design, and achieves what has hitherto been regarded as a practical impossibility, viz., a camera to take really first-class pictures and yet be small enough to go into the



The folding direct vision view-finder

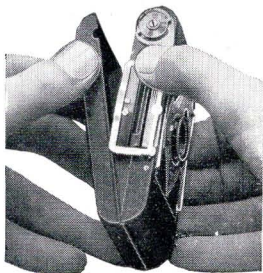


The hinged spool holder

The ENSIGN MIDGET is a camera so equipped optically and mechanically, that pictures can be taken with it of almost any subject, as well or better than with many much larger models. So beautifully and precisely made that its negatives will enlarge

to almost any size, and at the standard $2\frac{1}{4} \times 3\frac{1}{4}$ size are indistinguishable from contact prints.

The ENSIGN MIDGET is a positive delight to handle—a veritable gem of workmanship, embodying as it does all essential camera features.



The close-fitting back

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN
MIDGET
CAMERA



"CONTACT" PICTURE



THREE
EXAMPLES
OF
"STANDARD"
PRINTS

FROM
ENSIGN
MIDGET
NEGATIVES



ENSIGN MIDGET CAMERA

SPECIFICATION

BODY: All metal, handsomely finished in black silk ripple enamel. Easy opening front, very rigid in its extended position. Close fitting back easily removed, and secured by a safety catch. The back is fitted with film pressure springs.

VIEW FINDER: Collapsible eye-level view finder, and waist-level view finder, pivoted for upright and landscape pictures.

LOADING: Easy loading with hinged spool holders fitted with safety flanges preventing edge fog.

SHUTTER: Everset 3-speed type giving 1/25, 1/50, 1/100 of a second, Time and Bulb, operated by a convenient easy working lever.

LENSES: ALL DISTANCE fixed focus, specially constructed on the patent All Distance principle (Patent No. 271188), which gives wonderful depth of focus, and enables sharp pictures to be secured without focussing from 4 ft. upwards. Large stop for normal exposures, small for brilliant light.

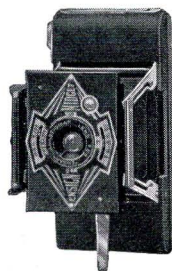
ENSAR ANASTIGMAT F/6.3 A first-class Anastigmat of adequate aperture for all purposes, focussing down to 3 ft., fully corrected and giving pin-point definition over the whole field.

SIZE, $3\frac{1}{2} \times 1\frac{3}{4} \times \frac{11}{16}$ in.; **WEIGHT,** 6 oz.

PRICES:

Complete with morocco leather slip case and fitted with:—

A/D	All-Distance Lens	...	...	£1	10	0
A/N	Ensar Anastigmat f/6.3	...	...	2	10	0



Leg for upright pictures.



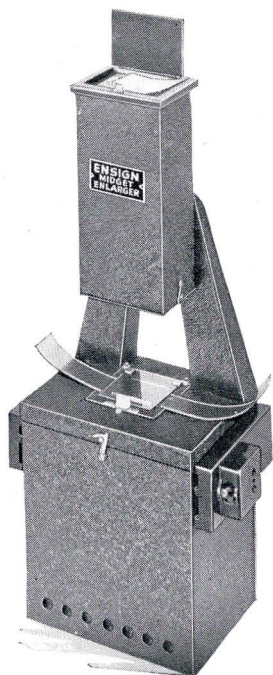
The Film for the Ensign Midget is:—

Ensign Lukos E.10
6 exposures 6d.

Packed in pairs.

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN MIDGET ENLARGING PRINTER



FOR PRINTING STANDARD $2\frac{1}{4} \times 3\frac{1}{4}$
PICTURES AUTOMATICALLY FROM
MIDGET NEGATIVES

Strongly made throughout, and fitted with first-class Anastigmat Lens. Time required for printing approximately 5 seconds. Prints from MIDGET strip negatives without cutting, and provides automatically a white margin to the print.

Price without lamp £5 15 0

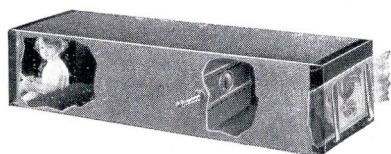
Lamps 150 watt opal, 5/9 ; Orange Pilot 2/5

State voltage when ordering.

ENSIGN MIDGET DAYLIGHT ENLARGING PRINTER

For making standard $2\frac{1}{4} \times 3\frac{1}{4}$ prints from Ensign MIDGET negatives. Exceedingly simple to handle, no more knowledge being required than by printing with an ordinary printing frame.

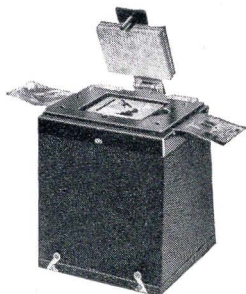
Price ... 17/6



ENSIGN MIDGET ELECTRIC CONTACT PRINTER

Prints contact prints from Ensign MIDGET strip negatives. Fitted with electric battery and accurately positioned bulb to give even illumination.

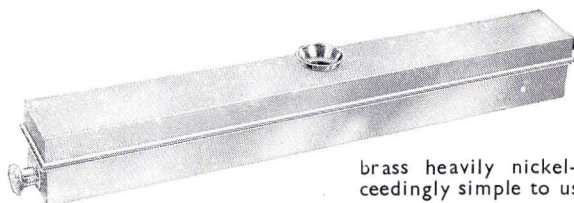
Price, complete with bulb and battery ... 10/6



ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN MIDGET ACCESSORIES

DAYLIGHT DEVELOPING TANK



Enables developing to be carried out completely in daylight, with the certainty of perfect results. The Tank is well made in hard

brass heavily nickel-plated, and is exceedingly simple to use ... 12/6

ENSIGN MIDGET FINE GRAIN DEVELOPER. Specially prepared to give the finest possible grain in ENSIGN MIDGET negatives. Each packet can be used for several films.

Per packet, 3d.

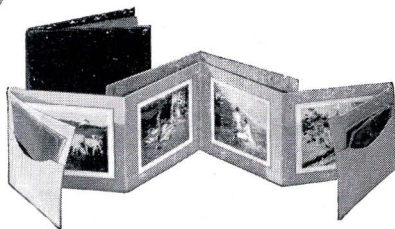
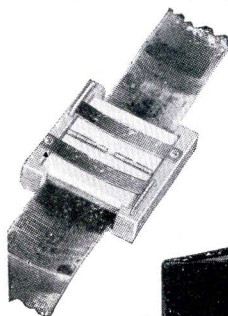
"DO-IT-YOURSELF" DEVELOPING AND PRINTING OUTFIT

Contains Daylight Developing Tank and all the necessary accessories for complete developing and printing 18/6



PRINTING FRAME prints the film in strip without cutting. Substantially made and complete with glass.

1/-



"PRINT-NEG" ALBUM

Enables the pictures to be attractively displayed, and provided with a pocket behind each picture to hold its negative.

Book file
with 6
albums



To take 6 MIDGET Prints and Negatives

No. 3012.	With Prairie Card Cover	...	...	...	1½d.	1/-
No. 3013.	With Leather-Cloth Cover	...	...	...	3d.	2/-

To take 8 Standard 2¼ × 3¼ Prints and Negatives

No. 3014.	With Prairie Card Cover	...	...	...	3d.	2/-
No. 3015.	With Leather-Cloth Cover	...	...	...	4½d.	3/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



ENSIGN ALL-DISTANCE "TWENTY"

FOR PICTURES

$2\frac{1}{4} \times 3\frac{1}{4}$ in.

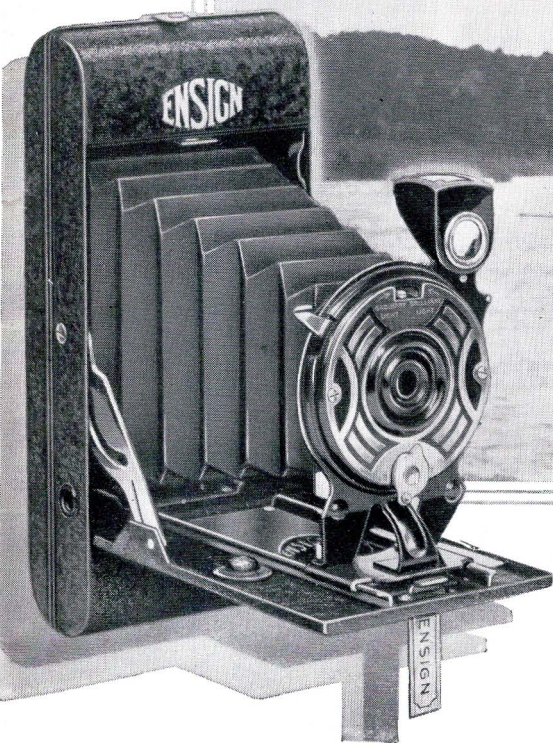
THE ARISTOCRAT OF BOX CAMERAS

The most outstanding introduction in simple cameras for many years. All metal body, partially covered with first-class morocco grained leather cloth, front finished moire ripple enamel. All-Distance lens (Patent No. 271186), eliminating focussing and enabling pin-point sharp definition to be made on subjects at any distance upwards of 3 ft. from the camera. Positive one-way Time and Instantaneous shutter with lever guarded from inadvertent release. Two lens stop for ordinary and bright light. Flat silent winder. Exceedingly simple loading. Film retained flat during exposure by two light springs. Upright and horizontal reflex finders, also direct vision. Size $3 \times 4\frac{1}{4} \times 4\frac{3}{4}$ in.

PRICE 13/6

CASES : Tan mail, bound edges, with sling strap, 2/6. Silk Mohair, leather bound, with sling strap, 2/6. Solid leather, with sling strap, 7/6
 Ensign Lukos Film E20, 8 exposures 1/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



ENSIGN POCKET "TWENTY"

FOR PICTURES

$2\frac{1}{4} \times 3\frac{1}{4}$ in.

A beautiful little Folding Camera handsomely finished in moire ripple

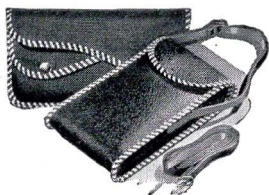
enamel. Substantial folding baseboard, pivoting on full-length hinge. Simple loading Patent silent, frictionless winding device. Well-made bellows. Time, Bulb, and Instantaneous shutter. Rapid meniscus lens, two stops for ordinary and brilliant light. Reflex finder giving particularly brilliant image, adjustable for horizontal and vertical positions. No focussing, the front has two positions only for views and close-ups. Heavily enamelled or nickel-plated parts. Size $6\frac{3}{8} \times 3\frac{1}{4} \times 1\frac{1}{4}$ in.

PRICE

In very smart black leatherette case or ladies' pochette bound with black and white edging.

£1 7 6

Ensign Lukos Film E20, 8 exposures ... 1/-



ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



**ENSIGN
SELFIX "20"**

FOR PICTURES $2\frac{1}{4} \times 3\frac{1}{4}$

ENSIGN SELFIX "20"

FOR PICTURES $2\frac{1}{4} \times 3\frac{1}{4}$ in.

Remarkable for its simplicity in operation, quicker **auto-matic** action, simpler opening and closing, easier loading and focussing.

Every one of these points is incorporated in the ENSIGN SELFIX "20," yet the prices are amazingly low. The finest value in the medium-price class to-day. For optical equipment and handsome and novel finish, it has no competitor at anything approaching the same price.

The Ensign Selfix "20" is one of the smallest folding cameras made, taking the standard $2\frac{1}{4} \times 3\frac{1}{4}$ in. size "20" spool.

Made throughout of light metal and is exceedingly strong. The body is covered with a diced leather cloth of durable quality, has beaded edges, and neat carrying handle. It opens at the side as a book which makes loading very simple.

The rigid self-erecting mechanism is well triangulated with wide suspension points.

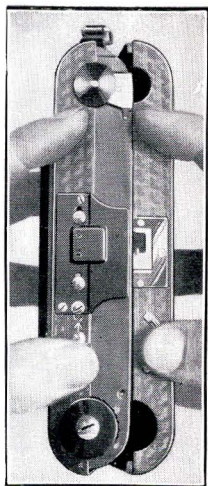
The bellows will stand up to the rapid erecting action without distress. A unique air venting system eliminates bellows suction.

The Ensar f/7.7, f/6.3 and f/4.5 lenses give irreproachable definition and covering power. Focussing is carried out by revolving the front lens cell. Clear, well-spaced distances are marked down to $3\frac{1}{2}$ ft.

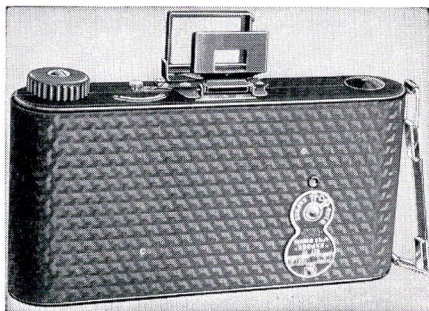
The reflex view finder fitted to all models reverses for upright and horizontal pictures and the camera can be closed with the finder in either position. S/2 and S/3 are also provided with direct vision view finders and film registering device operated by the sight hole cover.

All models are fitted with Trichro shutters giving 1/25, 1/50, 1/100 sec., Time and Bulb, with Flexible releases.

Size: $5\frac{5}{8} \times 3 \times 1\frac{3}{8}$ in.



Book-opening body

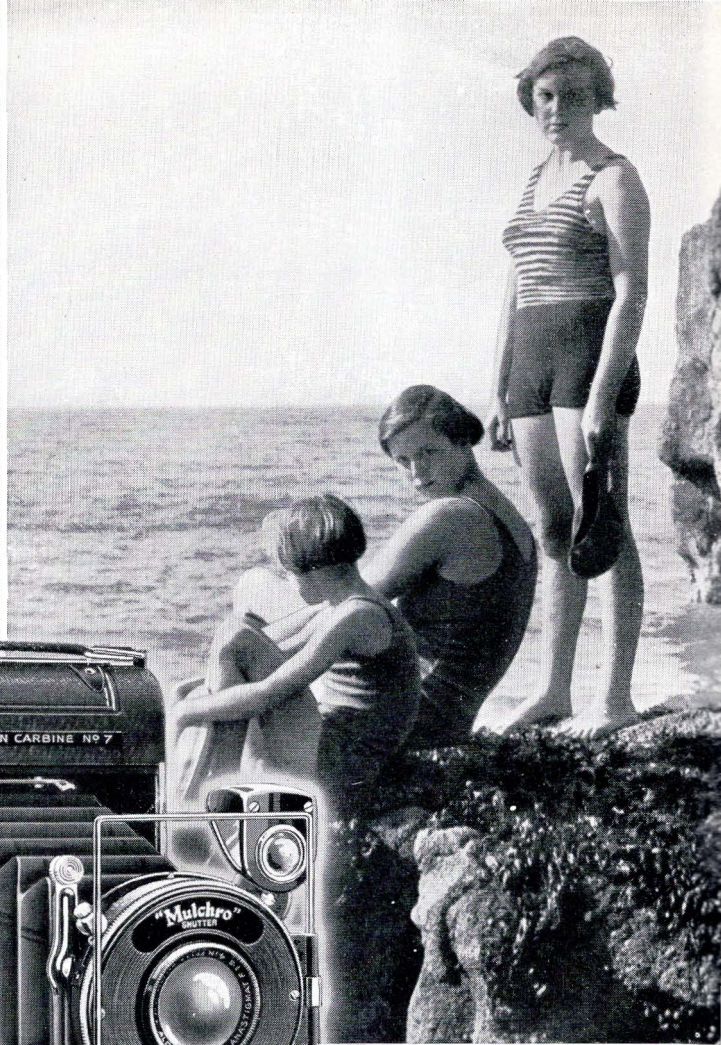


Eye-level view-finder (Models 2 and 3)

PRICES

S/1	Ensar Anastigmat f/7.7	...	Trichro shutter	...	...	£2	0	0
S/2	Ensar	..	f/6.3	...	..	2	12	6
S/3	Ensar	..	f/4.5	...	..	3	10	0
Tan Mail Case 2/6.		Mohair Silk Case 2/6.		Solid Leather Case 4/6.				
		Ensign Lukos Film E20, 8 exposures		...		1/-		

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



ENSIGN CARBINE No. 7

FOR
PICTURES $2\frac{1}{4} \times 3\frac{1}{4}$

ENSIGN CARBINE No. 7

FOR PICTURES $2\frac{1}{4} \times 3\frac{1}{4}$ in.

STANDARD MODEL, Leather Covered

BODY: Brass, impervious to atmospheric variations and covered with the finest quality morocco grained leather. Specially flat unobtrusive winding knob of new design. The back of the camera is hinged to the body and is closed with a safe, easily operated catch. Strong leather handle. Two tripod bushes.

FILM REGISTERING DEVICE ensures absolute flatness of the film, so essential when large aperture lenses are being used.

LOADING: Films carried on hinged pins, exceptionally simple.

BELLOWS are made of specially selected leather, linen lined.

FRONT: An elegant casting providing absolute rigidity for lens and shutter. **CROSS:** Worked by a screw. Operates as a rising front for landscape pictures. **RISING:** Operated by lever.

RADIAL FOCUSING: Quick action, allowing focusing to within 4 ft.

VIEW FINDERS. Brilliant reflex fitted to front, reversible for upright and horizontal pictures. Also direct vision wire type with sighter plate for eye level use.

SHUTTERS: Trichro, 3-speed, 1/25, 1/50, 1/100; Mulchro, 7 speeds, 1, $\frac{1}{2}$, 1/5, 1/10, 1/25, 1/50, 1/100, Time and Bulb. Compur with delayed action and similar speeds to the Mulchro with the addition of 1/250 of a second, with flexible release.

SIZE: $7 \times 3\frac{1}{2} \times 1\frac{1}{2}$ in.

TROPICAL MODEL, Florentine Bronze Finish

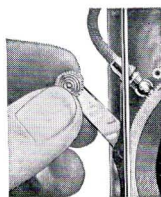
This model is not leather covered but is finished in Florentine Bronze. The bellows are made of triple-proofed Russia leather which is impervious to insects; the camera is therefore essentially one for use in the tropics and in regions where atmospheric conditions are difficult.



Film registering device



Radial Focusing



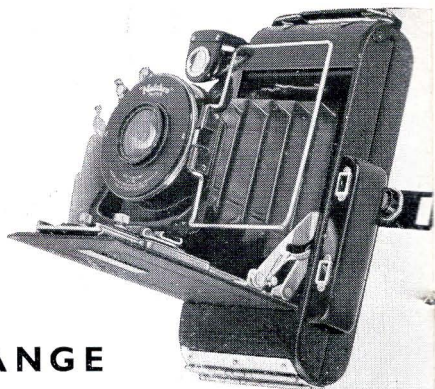
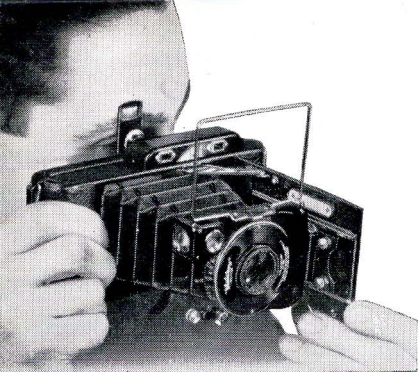
Rising Front

Standard					Tropical				
Ensar Anastigmat f/4.5 Trichro shutter	7/20	£4	15	0	—	—	—	—	—
Ensar " f/4.5 Mulchro "	7/21	5	15	0	T7/21	£7	5	0	0
Ensar " f/4.5 Compur "	7/22	8	0	0	T7/22	9	10	0	0
Aldis Uno " f/4.5 Mulchro "	7/10	6	10	0	T7/10	8	0	0	0
Aldis Uno " f/4.5 Compur "	7/11	8	15	0	T7/11	10	5	0	0
Ross Xpres " f/4.5 Compur "	7/51	11	17	6	T7/51	13	7	6	6
Zeiss Tessar " f/4.5 Compur "	7/81	11	0	0	T7/81	12	10	0	0

CARRYING CASES

Solid leather, hand sewn, black or brown	...	...	6/6	...	...	...	...	...	...
Finest hide, hand sewn, velvet lined (brown only)	...	...	10/6	...	...	...	...	...	...
Model fitted with back to take plate holders	...	extra	15/-	...	...	...	...	15/-	...
Plate holders for same	...	...	2/6	...	...	...	...	3/6	...
Focussing screen	...	...	8/6	...	...	...	...	12/6	...

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



ENSIGN AUTO-RANGE

With Automatic Focussing Coupled Range Finder

FOR PICTURES $2\frac{1}{4} \times 3\frac{1}{4}$ in.

The ENSIGN AUTO-RANGE is provided with a Range Finder (sometimes called a Distance Meter), coupled with the lens focussing mechanism, and operated from the usual radial focussing lever.

When sighted on the object, the focussing lever is moved until two images seen in the Range Finder coincide. The lens is thus automatically brought into exact focus for any object at any distance from the camera.

The eye-piece is also adjustable for variations in eye-sight, and can be set with absolute precision for any sight.

It is mounted conveniently on the side of the camera in close proximity to the eye-level View Finder, so that a minimum of movement is required to transfer the eye from the Range Finder to the View Finder.

The ENSIGN AUTO-RANGE resembles the Ensign Carbine No. 7 in all other respects.



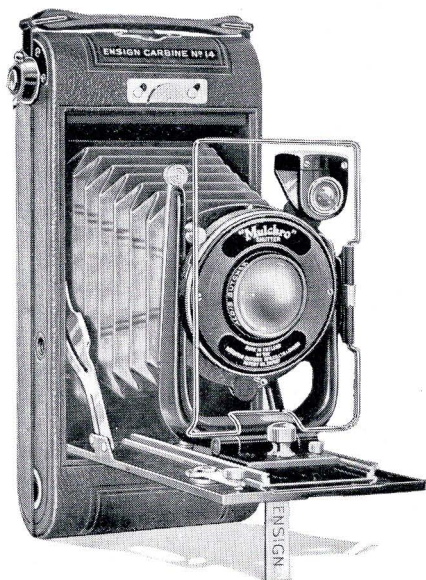
A7/20	Ensar Anastigmat	f/4.5	...	Trichro shutter	...	£6 10 0
A7/21	Ensar	"	f/4.5	Mulchro	"	7 10 0
A7/22	Ensar	"	f/4.5	Compur	"	9 10 0
A7/11	Aldis Uno	"	f/4.5	Compur	"	10 10 0
A7/51	Ross Xpres	"	f/4.5	Compur	"	13 7 6
A7/81	Zeiss Tessar	"	f/4.5	Compur	"	12 15 0

CASE: Finest hide, velvet-lined, lock and key (brown only), 10/6.

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN CARBINE No. 14

FOR PICTURES $2\frac{1}{2} \times 4\frac{1}{4}$ in.



A first-class camera with all the necessary movements for taking pictures of any type of subject. Wood body reinforced by metal end sections, metal back. Covered with best quality morocco grained leather. Ensign film registering device. Simple loading. Selected leather bellows. Stamped "U" front providing absolute rigidity for lens and shutter. Radial focussing to 5 ft. Rising front. Brilliant and direct vision view-finders for upright and horizontal pictures. Silent winder. Two tripod bushes. Flexible release. Trichro 3-speed, Mulchro 6-speed, and Compur 7-speed shutters. Size, $7\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{3}{4}$ in.

PRICES

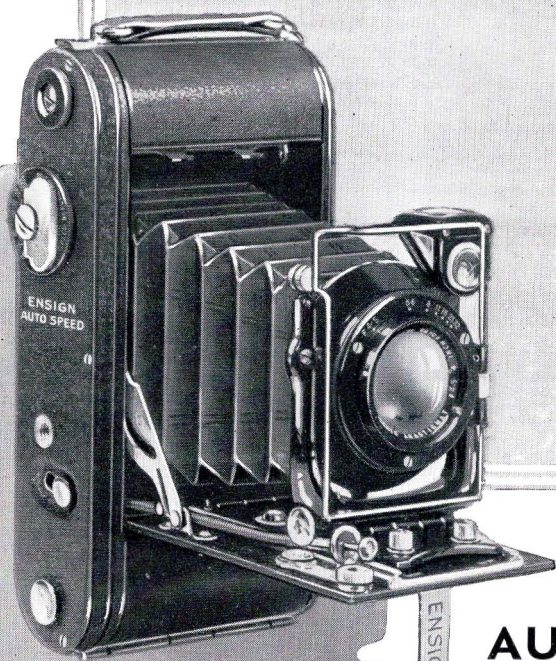
14/5	Aldis Uno Anastigmat	...	f/7.7	...	Trichro shutter	...	£4	5	0
14/4	Ensar	"	f/6.3	...	Trichro	"	4	15	0
14/7	Ensar	"	f/6.3	...	Mulchro	"	5	15	0
14/Z	Aldis-Butcher	"	f/4.5	...	Mulchro	"	7	15	0
14/14	Aldis-Butcher	"	f/4.5	...	Compur	"	10	0	0
14/51	Ross Xpres	"	f/4.5	...	Compur	"	12	2	6
14/81	Zeiss Tessar	"	f/4.5	...	Compur	"	12	0	0

Carrying Cases, Best quality canvas, 2/9. Solid leather, black or brown, 8/6.

Finest hide, brown, velvet-lined, lock and key, 12/6.

Ensign Lukos Film E16, 8 exposures 1/3

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



ENSIGN AUTOSPEED

FOLDING ROLL-FILM

**HIGH - SPEED
CAMERA**

FOR PICTURES $2\frac{1}{4} \times 3\frac{1}{4}$ in.

ENSIGN AUTOSPEED

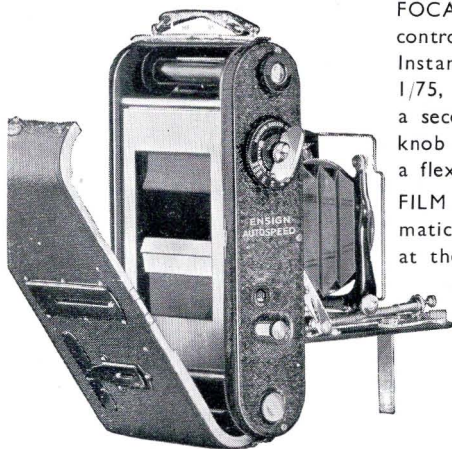
HIGH SPEED ROLL-FILM CAMERA

"Winds the film and sets the shutter in one movement."

A wonderful speed camera embodying all the advantages of the press camera for quick work and none of its disadvantages. The automatic film winding mechanism enables successive shots to be made very rapidly, and the high-speed shutter and fast lens enable pictures to be made in any light.

BODY : All metal with double-hinged back. Covered with fine grain leather. Spring leather handle. Tripod bushes.

AUTOMATIC WINDING : The film is automatically wound to the next number when the shutter speed is set.



FOCAL PLANE SHUTTER : One control sets the speed. Gives Time and Instantaneous speeds—1/15, 1/25, 1/50, 1/75, 1/100, 1/150, 1/250 and 1/500 of a second, released either by a sunk knob on the side of the camera, or by a flexible release.

FILM REGISTRATION DEVICE: Automatic in effect, coming into operation at the time the exposing lever is released, and leaving the film free during winding.

FRONT : Fitted with eye-level and reflex view finders. Rising and cross movements. Focussing by radial lever to 4 ft.

STANDARD MODEL

A/20	Ensar Anastigmat	f/4.5	...	...	...	£8 : 15 : 0
Other Lens Equipments						
A/10	Aldis Uno Anastigmat	f/4.5	...	...	...	£10 10 0
A/15	Aldis-Butcher	f/3.4	...	...	...	12 15 0
A/63	Dallmeyer Dalmac	f/3.5	...	...	...	14 10 0
A/51	Ross Xpres	f/4.5	...	...	...	15 10 0
A/81	Zeiss Tessar	f/4.5	...	...	...	17 0 0

Solid Leather Case, velvet-lined, with lock and key 15/-
 Ensign Lukos Film E20, 8 exposures 1/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



**ENSIGN
SPEED
FILM
REFLEX**

FOR PICTURES $2\frac{1}{4} \times 3\frac{1}{4}$ in.

ENSIGN SPEED FILM REFLEX

FOR PICTURES $2\frac{1}{4} \times 3\frac{1}{4}$ in.

The ideal full-view camera, in which it is possible to see and focus the subject up to the moment of pressing the shutter release.

STANDARD MODEL

Mahogany body covered with finest quality fine grain morocco leather. Metal reinforced and incorporating the Ensign film registering device. Large pliable top leather hood for focussing. Leather-covered spring handle. Reflecting mirror optically worked and surface silvered. Tripod bushes. Sling strap. The body is hinged for opening and loading is simple. The shutter has a range of speeds of $1/25$, $1/40$, $1/50$, $1/75$, $1/125$, $1/250$ and $1/500$ of a second, also Time. As simple to operate as any ordinary shutter. The standard lens equipment is the Ensar $f/4.5$ made at the Ensign Works, a lens giving wonderful definition and covering power. Alternative lens equipment as shown. Size of camera, $6\frac{3}{8} \times 6\frac{1}{8} \times 4\frac{1}{4}$ in.

TROPICAL MODEL. Designed for hard work and capable of standing up to any amount of knocking about. It is not leather covered. Teak body, brass bound, with durable wax finish (not French polish). Russia leather focussing hood. External fittings finished Florentine bronze. General specification follows the lines of the standard model.

PRICES

STANDARD MODEL

R/20 Ensar Anastigmat $f/4.5$ £6 : 17 : 6

Other Lens Equipments		Standard			Tropical		
Aldis Uno Anastigmat	$f/4.5$...	R/10	£7	17	6	T/10	£9 10 0
Aldis-Butcher	„ $f/4.5$...	R/14	9	15	0	T/14	11 5 0
Aldis-Butcher	„ $f/3.4$...	R/15	10	15	0	T/15	12 5 0
Dallmeyer Dalmac	„ $f/3.5$...	R/63	12	10	0	T/63	14 0 0
Ross Xpres	„ $f/4.5$...	R/51	13	10	0	T/51	15 0 0
Zeiss Tessar	„ $f/4.5$...	R/81	15	0	0	T/81	16 10 0

LEATHER CASE, best hide, velvet-lined, with lock and key, 18/6

DIRECT VISION VIEW FINDER. A useful accessory, enabling the camera to be used at eye level, in the manner of a press focal plane camera ... £1 5 0

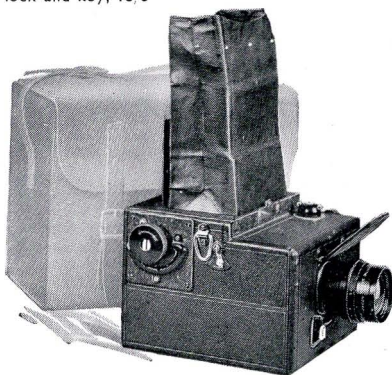
FLEXIBLE RELEASE, including bracket for fixing. Useful for Time exposure, 3/6

Ensign Lukos Film E20, 8 exposures, 1/-

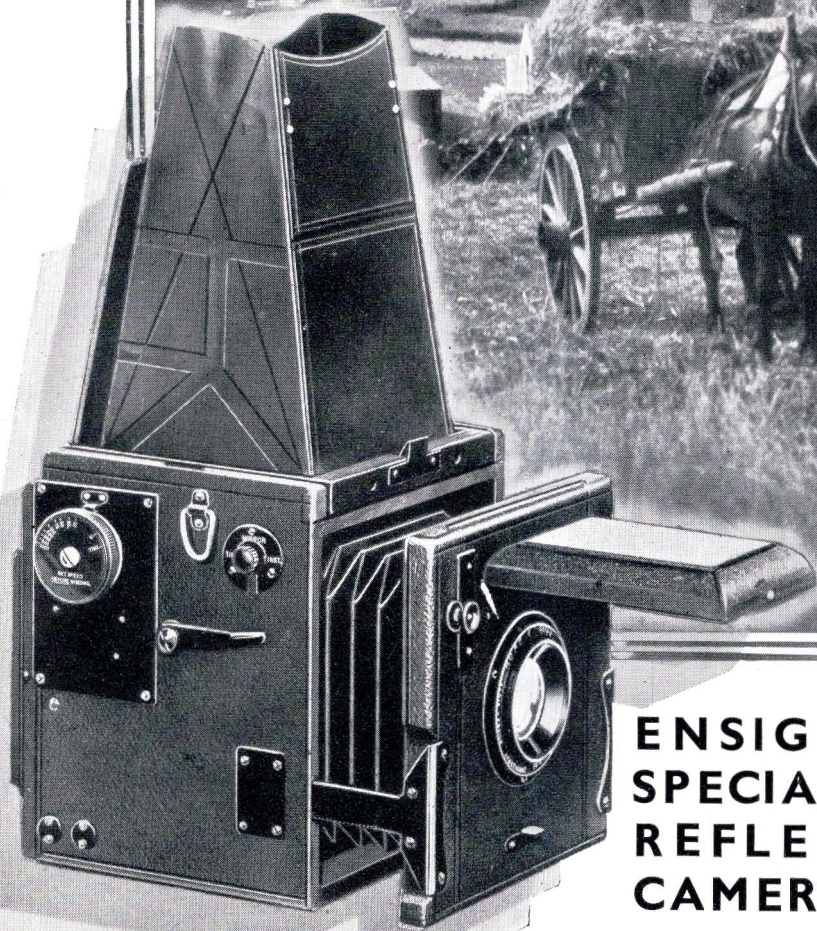
TELEPHOTO OUTFIT

Enables large images to be obtained at long distances. Fitted with Ensar Anastigmat $f/4.5$ and Dallmeyer Telephoto $f/6.5$. Including set of colour filters, 2, 3 and 4 times, with spring mount, complete in leather case.

£15 15 0



ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



**ENSIGN
SPECIAL
REFLEX
CAMERA**

ENSIGN SPECIAL REFLEX

With Self-Capping Focal-Plane Shutter.

One turn of a knob sets the shutter and alters the speed.

BODY : Mahogany, efficiently clamped, with tongued and grooved corners screwed together. Covered in fine seal grain leather. Black enamelled and nickel-plated fittings. Black leather bellows with ample extension.

FOCUSSING : By rack and pinion adjustment.

HOOD : Self-erecting with narrow mouth that excludes all light. Reversible, permitting pictures to be taken at right angles.

MIRROR : Optically worked, surface silvered and highly polished. Falls automatically in position after shutter has been released.

REVOLVING BACK : Can be operated in either direction after sheath of plate-holder has been withdrawn. A hooded glass focussing screen is provided for direct focussing.

FRONT : Rising and falling movements, with locking clamp screw. Fitted with sky shade to protect the lens.

SHUTTER : Focal plane with self-capping light-proof blind. No calculation or reference to a speed table is necessary, and no variable tension spring adjustment is required. Speeds as follows :—1/15, 1/20, 1/30, 1/50, 1/75, 1/100, 1/200, 1/350, 1/500, and 1/1000 sec.

Including three single metal plate holders fitted with detachable cut-film sheath, back focussing screen with deep leather-covered hood, neck strap.

				$3\frac{1}{2} \times 2\frac{1}{2}$ in.			$\frac{1}{4}$ -plate		
SR/14	Aldis-Butcher ...	f/4.5	5 in.	£12	0	0	6 in.	£12	15 0
SR/15	Aldis-Butcher ...	f/3.4	$5\frac{1}{4}$ „	15	0	0	7 „	15	15 0
SR/51	Ross Xpres ...	f/4.5	$5\frac{1}{2}$ „	15	10	0	6 „	17	0 0
SR/81	Zeiss Tessar ...	f/4.5	$5\frac{1}{4}$ „	17	10	0	6 „	19	0 0

Single metal plate holders, 2/6. Film-pack adapter (leather covered), 12/6.

Roll holder to take standard size 20-roll film, 15/-. Leather case, velvet-lined ($3\frac{1}{2} \times 2\frac{1}{2}$ in.), £1 10 0. ($\frac{1}{4}$ -plate), £1 15 0.

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

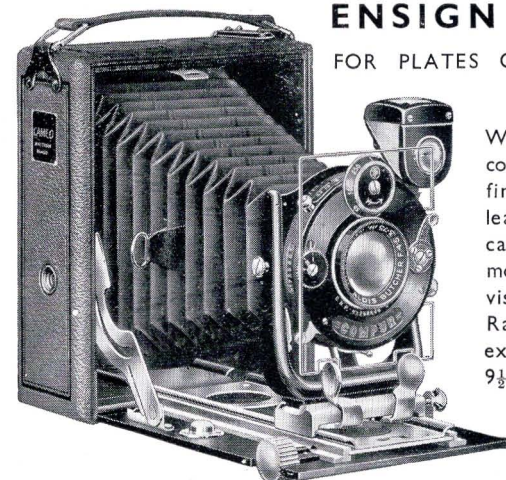
ENSIGN CAMEO

FOR PLATES OR FILM-PACKS

STANDARD MODEL

Well-seasoned wood body, covered with leather. Infinity catch, focussing scale, leather bellows. Aluminium cast front, rising front, cross movement. Reflex and direct vision view finders are fitted. Rack and pinion double extension, 2A, 8½ in.; 2B, 9½ in.

Outfits include two single metal plate holders, flexible release, focussing screen.



3½ × 2½	2A/4	Ensar Anastigmat	... f/6.3	3-speed shutter	... £4 10 0
	2A/21	Ensar "	... f/4.5	Mulchro "	... 5 15 0
	2A/10	Aldis Uno "	... f/4.5	Mulchro "	... 6 10 0
	2A/14	Aldis-Butcher "	... f/4.5	Compur "	... 10 0 0
	2A/50	Ross Homocentric	... f/6.3	Compur "	... 10 10 0
	2A/51	Ross Xpres "	... f/4.5	Compur "	... 11 17 6
½-PLATE	2B/5	Aldis Uno Anastigmat	f/7.7	3-speed	... 5 10 0
	2B/61	Dallmeyer "	... f/4.5	Compur	... 9 17 6
	2B/14	Aldis-Butcher "	... f/4.5	Compur	... 11 12 6
	2B/50	Ross Homocentric	... f/6.3	Compur	... 11 12 6
	2B/51	Ross Xpres "	... f/4.5	Compur	... 14 10 0

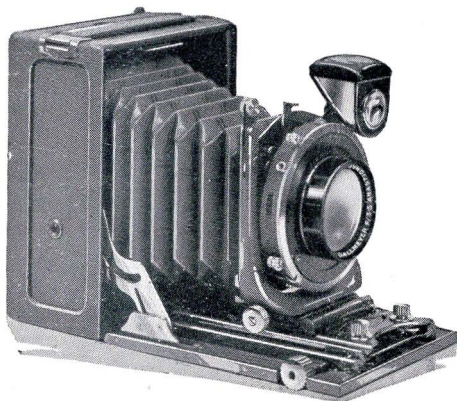
Extra single metal plate holders, 2/6. Film-pack adapter, 8/6. Roll film holder, 15/-.
Leather Case, for camera, six slides and film-pack adapter (2A), 12/6. (2B), 15/-.

SUPER-SPEED MODEL WITH DALLMEYER F/3.5 LENS

Cast body with leather-lined panels finished in crystalline enamel. Cast "U" front. Rising and cross movement. Optical direct vision finder with sighting lens Reflex finder (upright and horizontal). Long double extension, rack and pinion focussing. Infinity catch. Lens and shutter detachable by bayonet catch. New design back with "Klip-on" dark slides and focussing screen. Including two "Klip-on" dark slides. Compur Shutter speeded to 1/200 sec. Black and chromium or brown and florentine finish.

£15 15 0

Leather case, velvet-lined, £1 5 0, "Klip-on" slides, 3/6. Film-pack adapter, 15/-. Roll-film holder, 15/-.



ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN

CAMERA CASES

Tan Mail and Silk Mohair.

All have double-turned binding, so that no raw edge whatever appears. Only best quality British materials are used and each is provided with long leather sling strap.



Leather.

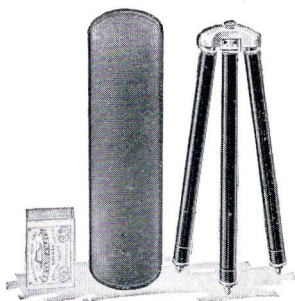
Guaranteed to be made of the finest British materials only. Solid hide, full-grained and hand curried, i.e., old-fashioned bridle leather. No Ensign leather case is made from dyed, buffed, or doped material of any kind.

For Cameras	Tan Mail, Bound edges		Silk Mohair, leather bound		Leather Black or Brown		Leather velvet-lined Brown only	
All-Distance Twenty	110	2/6	510	2/6	40	7/6	—	—
„ Pocket No. 2	103	2/6	503A	2/6	—	—	—	—
Pocket Twenty ...	103	2/6	503	2/6	—	—	—	—
Ensign Selfix ...	114	2/6	503A	2/6	29	4/6	—	—
Ensign Carbine No. 7	103B	2/6	—	—	30C	6/6	34	10/6
No. 10 and 14 ...	104	2/9	—	—	31	8/6	35	12/6
Brownie No. 2 ...	111	2/6	511	3/-	—	—	—	—
„ 2A ...	113	2/9	—	—	—	—	—	—
Ensign No. 3 ...	108	3/-	—	—	6	10/-	10	13/-
„ No. 3A ...	109	3/6	—	—	7	11/6	11	15/-
Ensign Cameo 3½ × 2½	120	4/-	—	—	—	—	—	—
½-plate ...	121	5/-	—	—	—	—	—	—
Post-card ...	122	6/6	—	—	—	—	—	—
Speed Film Reflex ...	—	—	—	—	—	—	13	18/6
Special Reflex 3½ × 2½	—	—	—	—	—	—	55	30/-
½-plate ...	—	—	—	—	—	—	51	35/-

TRIPODS AND ACCESSORIES



Metal Telescopic



Hip-pocket Flat



Featherweight

METAL TELESCOPIC

Black enamelled, automatic closing, with nickel top.

No.	Sections	Height	Closed	Weight
1	3	42 in.	17 in.	16 oz. 6/6
4	4	49 "	16 "	21 " 10/6
5	5	51 "	15 "	26 " 12/6
6	7	48 "	12 "	23 " 15/-

DE LUXE METAL TELESCOPIC

Ribbed celluloid finish, polished tubes, closes automatically.

No.	Sections	Height	Closed	Weight
12	3	45 in.	17½ in.	18 oz. 10/6
16	7	48 "	12 "	24 " 17/6

THE "MULTIPOD"

A pocket tripod. The clamp fitting allows the "Multipod" to be fitted almost anywhere always allowing the camera to be set absolutely level.

Nickel-plated ... 6/6

"HIP-POCKET FLAT"

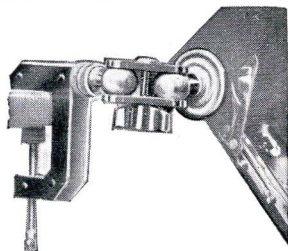
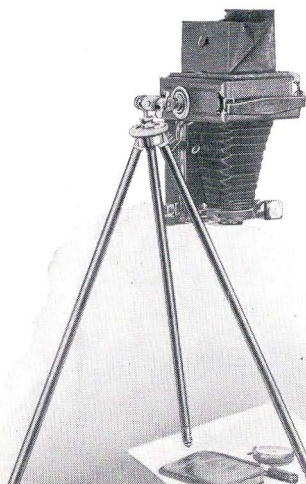
Can easily be carried in the hip pocket. Black enamelled automatic closing. Polished tubes. Closed, 8½ in. Open, 46 in. Weight, 21 oz. 7 sections.

No. 22. With leather case ...	25/-
Light weight model. Suitable for Leica, Contax and other miniature cameras.	
No. 23. Closed, 7½ in. Open, 46 in.	
Weight, 10½ ozs. 10 sections ...	37/6

"FEATHERWEIGHT"

FLAT. In metal case. Extended, 42 in. Closed, 11 in. Weight, 17 oz. 7 sections.

No. 20 ...	22/6
ROUND. A rigid tripod of light metal tubing highly polished. Weight, 12 oz. Extended, 48 in. Closed, 16 in. 4 sections.	
No. 21 ...	17/6
No. 21A. With leather case and panoram head ...	25/-



UNIVERSAL BALL AND SOCKET HEAD

Enables a camera to be set at any angle. Also for using the tripod for supporting the camera in a vertical position for such work as photographing pages direct from books, small objects, coins, maps, and any object which comes within its range. For use with any camera. ... 3/6
Midget pattern. Very compact ... 2/6



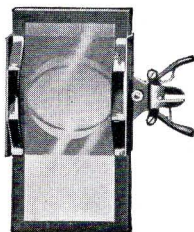
Made in England from British Optical Glass
 Absolutely fully corrected, being optically polished and of good even colour which will not fade. Can be used successfully with all lenses. Essential for landscape and pictorial work where the differences in tones of green, yellow, orange, and brown have to be accurately reproduced. Made in three densities increasing exposure by 2, 3 and 4 times.

	To fit lenses up to	Filter only	Spring mount only	Leather case for 1 filter in mount	Set of 3 with mount in leather case
A.	1 1/4 in.	3/-	3/-	2/-	14/6
B.	1 1/2 in.	4/6	4/-	2/6	20/-
C.	2 in.	6/6	5/6	3/6	33/-

GRADUATED SKY FILTERS

The exposure on the sky portion is restrained to enable ground detail to receive ample exposure, and at same time to secure cloud effects.

No. 20.	To fit lenses up to 1 1/4 in. (outside mount diameter)	4/6
No. 21.	To fit lenses up to 1 1/2 in. " " "	5/6
No. 22.	To fit lenses up to 2 in. " " "	10/6



Considerably increase the scope of work possible with hand cameras. For Portrait "close-ups," Wide Angle, Copying, and Telephoto Photography. To fit lenses up to 1 1/4 in. (outside mount diameter):—

With Holder	...	each	6/6
Set of four lenses with holder	...		16/-
Single lenses without holder	...		3/6

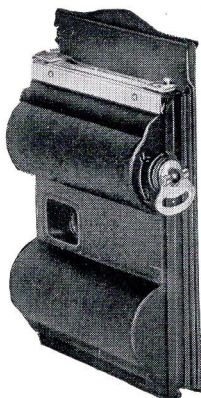


ROLL-FILM HOLDERS

Special Model—Films are wound in the normal direction. For use with Plate and Reflex Cameras. Takes the standard 8-exposure 3 1/2 x 2 1/4 in. roll film. All metal.

No. 1.	For 3 1/2 x 2 1/4 in. Cameras	...	15/-
No. 2.	For 1/2-plate Cameras (3 1/4 x 2 1/4 in. film)	...	15/-

Specify camera when ordering.



For obtaining critical focus with a reflex camera. Spring-operated sides grip the sides of any size of hood and at the correct focal length. Metal throughout. With leather case ... 18/6



Special material, prevents condensation and polishes lenses without damage	...	...	...	9d.
Special tissue, per pad of 10 sheets	...	...	...	2d.

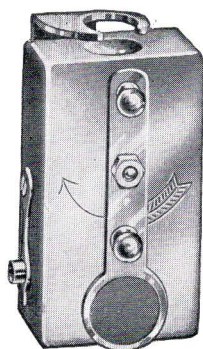
CAMERA ACCESSORIES

"AUTOTIMER" SHUTTER RELEASE

An ingenious instrument that releases the shutter 15 seconds after it is set in motion. Enables you to include yourself in group pictures.

Model 1, for instantaneous exposures, releases the shutter at whatever speed it is set, automatically, 15 seconds after it is set in action ... 7/6

Model 2, for instantaneous exposures at shutter speeds, and time exposures of $\frac{1}{2}$ to 10 seconds, 15 seconds after it is set in action ... 12/6



"SHADIT" SPRING LENS HOOD

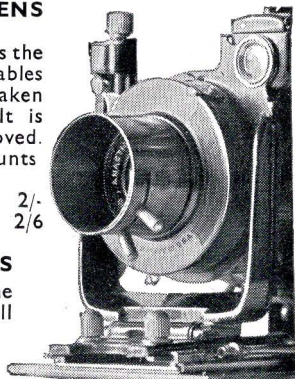
This all-metal lens hood grips the front cell firmly and enables good clear pictures to be taken even against the light. It is instantly attached and removed.

and if desired will take standard light filter mounts

Made in 11 sizes.

For lens mounts, $\frac{3}{8}$, $\frac{1}{2}$, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$ in. dia. 2/-

For lens mounts $1\frac{3}{8}$, $1\frac{3}{4}$, $1\frac{7}{8}$, 2 in. dia. ... 2/6



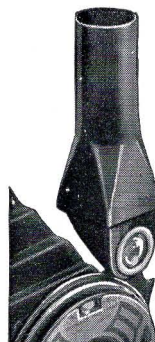
VIEW FINDER SHADES

Fits on to the object lens of the view finder and excludes all extraneous light.

No. 0. For Ensign Selfix 9d.

No. 1. Fits view finders, $\frac{3}{4} \times \frac{3}{4}$ in. ... 9d.

No. 2. Fits view finders, $1\frac{1}{8} \times 1\frac{1}{8}$ in. ... 9d.



HOLBORN DISTANCE GAUGE

Calculates the distance an object is from the camera from any position. Very accurate.

Scaled in feet ... 5/-

PRIMUS DISTANCE GAUGE

For calculating distances between camera and objects. Made in aluminium with silvered pendulum. Complete in leather case.

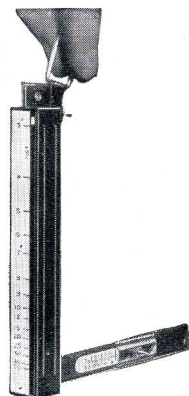
No. 1. Scaled in feet 2/-

No. 2. Scaled in metres 2/-



FOCUSING GLASSES

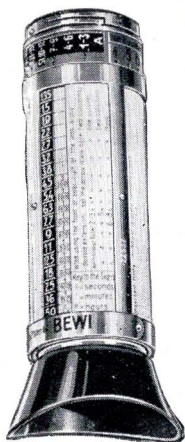
Magnify the image on the focussing screen. With rubber eye-piece, nickel plated ... 7/6



Holborn Distance Gauge

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

EXPOSURE AND DISTANCE METERS



BEWI-TELE

This instrument combines the senior Bewi with a range finder, thus providing for every requirement and always ensuring accurate exposure and pin-point definition. In leather case.

£3 15 0

BEWI-LEICA

For use with Leica cameras. Has in addition a comprehensive depth of focus table for sharp focussing at all distances. In leather case.

£2 7 6

BEWI-SENIOR

A comprehensive meter giving correct reading under all conditions, for all emulsions and all climates. Also movement speed chart and other useful data. In leather case.

£2 2 0

BEWI-JUNIOR

A direct visual meter, measures the light accurately and gives correct exposure without calculations; can be used in any light, any conditions, any climate. In leather case.

£1 7 6

WILLO CINEMETER

For users of amateur cine cameras such as the Auto- and Super-Kinecam. In leather case.

£2 2 0

BEWI-DISTANCE METER

Measures distances accurately down to 3 ft. from infinity, with depth of focus table to ensure accurate focus on all distances. In leather case.

£2 2 0

PHOTO-ELECTRIC METERS

"Ombrux" for still pictures.

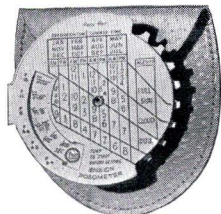
"Blendux" for "Cine" pictures.

Represents the very latest achievement in electrical science. By its use it is possible, by simply directing the instrument towards the object to be photographed, to accurately measure the light radiated thereby determining with great accuracy the exposure to be given considering all makes of sensitised material.

PRICES

"Ombrux" or "Blendux" complete in ever-ready case with supplementary scales.

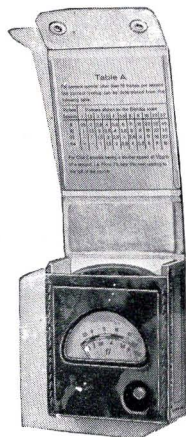
£4 4 0



ENSIGN POSOMETER

Can be carried in the waistcoat pocket. So simple you can always use it. For every subject, and every plate or film (including Auto-chromes). In leather case with snap fastener.

1/6



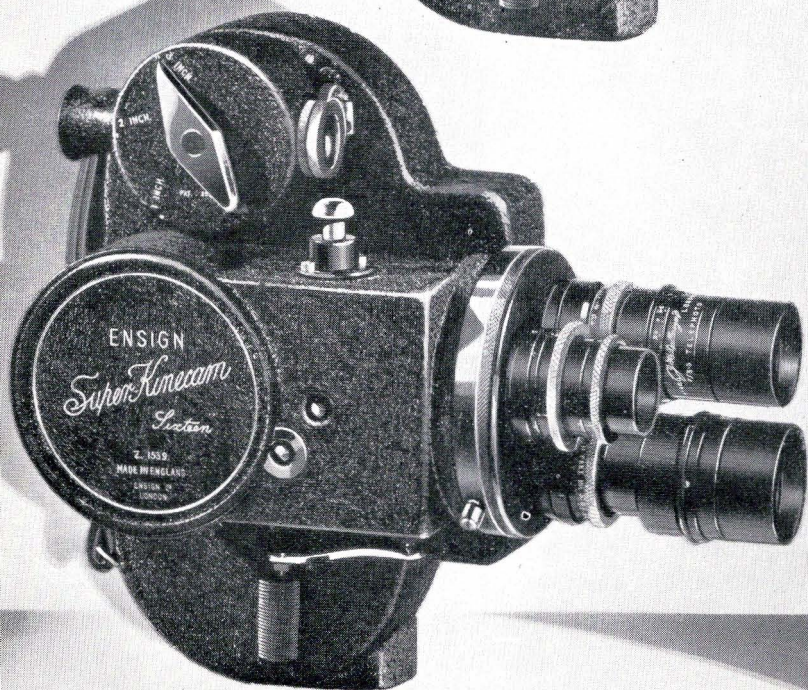
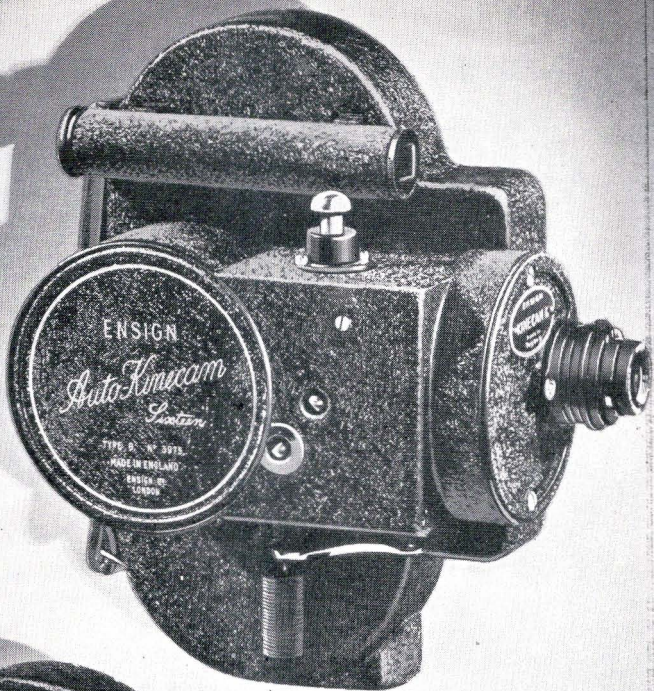
OTHER EXPOSURE CALCULATORS

Imperial. Bright light 1/6. Dull light 1/6. Exposure Reckoner 1/6. Refills 4d.

Watkins. Snipe, for snapshots 1/-. Fall, for roll films 5/-. Bee, with speed card 5/-. Blue dial, extra 3d. Bee Colour Plate 5/-. Bee Indoor 5/-. Queen Bee, in case 12/6. Refills 9d.

Wynne's. Hunter pattern in nickel case 9/6. Refills 9d.

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



ENSIGN KINECAM

16 m.m. CINÉ CAMERAS

Good Cine Pictures, steady on the screen and completely free from eye-straining flicker, are only possible with really well made precision Cameras. Poorly made apparatus simply wastes film, whereas good apparatus need never waste a single foot.

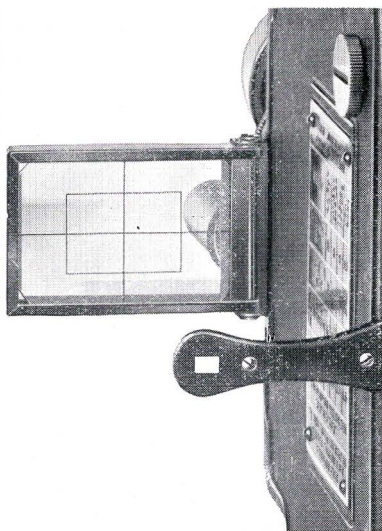
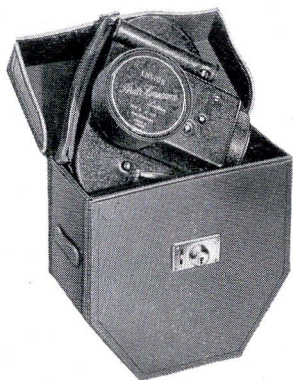
Ensign Kinecams are precision Cameras throughout, and are made and designed by engineers who have a whole life of experience in the design and manufacture of this type of apparatus. Only the best engineering methods of manufacture are employed, with the result that the mechanism of an Ensign Kinecam works so smoothly as to be hardly audible, never wears out, and is a constant pleasure to use, giving a maximum of perfect results with a minimum of trouble.

KINECAM MODEL 6

The Auto-Kinecam Model "6" has three speeds—"Normal," 16 pictures per second; "Fast," 64 pictures per second ("slow motion"); and "Slow," 8 pictures per second; the relative exposures being: $1/32$, $1/128$, and $1/16$ of a second respectively.

Also Direct Vision View Tube Finder, hand turn movement for "dissolving" effects, and Taylor-Hobson Cinar $f/2.8$ or Dallmeyer Speed $f/1.5$ anastigmats, both 1-in. focus, in mounts focussing down to 1 ft. Also fitted with Dallmeyer $f/3.5$ 1-in. lens in fixed mount.

A new feature of the Models 6 and 8 ($f/2.8$ and $f/1.5$) Kinecams is a direct vision axial finder placed on the lid in the direct axis of the lens, thus enabling accurate centring to be obtained for very close-up shots down to 1 ft. from the camera. A sliding scaled back sight corrects the natural misalignment at short distances due to the different planes of the lens and view finder.



ENSIGN KINECAMS 6 and 8 are provided with velvet-lined best hide cases. ($f/3.5$ model 6 unlined).

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

KINECAM MODEL 8.

The Super-Kinecam Model 8 is a precision instrument throughout, finished in silk ripple enamel, with chromium plated fittings. Fitted with a triple revolving turret head, capable of taking any three lenses of different focus. Multi-speed mechanism with five speeds, i.e., 8, 12, 16, 32, and 64 pictures per second, including "slow motion."

The patent tri-optic synchronising view finder, fitted with three separate lens combinations, enables a correct view to be obtained in the exact size in which it will appear in the film, whichever lens is being used on the turret.

A prismatic supplementary finder lens gives accurate angular correction for close-up "shots."

Complete with hand-sewn leather cases, velvet lined (except Model 6 f/3.5 which has hand-sewn, unlined, leather case).

MODEL 6

Dallmeyer Anastigmat, f/3.5, 1-in. focus	£13 13 0
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MODEL 6 (with direct vision axial finder)

Taylor-Hobson Cinar Anastigmat, f/2.8, 1-in.	18 18 0
Dallmeyer Speed Cinar f/1.5, 1-in.	...	...	25 0 0

MODEL 8 (with direct vision axial finder)

Taylor-Hobson Cinar Anastigmat f/2.8, 1-in.	...	...	45 0 0
Dallmeyer Speed Cinar Anastigmat f/1.5, 1-in.	...	...	50 0 0

The axial finder can be fitted to earlier Model Kinecams at an extra charge of £2 10s. 0d. In all cases the camera must be sent for fitting.



KINECAM MODEL 4. 50 ft. model

Takes standard 16 mm. film. Die-cast body finished in black ripple enamel. An exposure table is fitted to the side.

Strong clockwork takes 20-25 ft. of film without rewinding. Can be run at "Normal" speed (16 pictures per second, exposure 1/32), and also at "Half" speed (8 pictures per second, exposure 1/16). The mechanism can be locked in the running position so that the operator can himself appear in his own films.

The enclosed direct vision finder gives a picture of the same size as the final negative. Loading is carried out in daylight and is exceptionally simple.

Including velvet-lined leather case with accommodation for 2 rolls of films, and fitted with Taylor-Hobson Cinar Anastigmat f/3.5

£10 10 0

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

**MADE
IN
GREAT
BRITAIN**

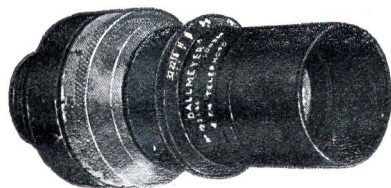
ENSIGN CINE-PAN TRIPOD FEATURES

One steel leg accommodates bracing arrangement. Lever grips holds spanners. Lever control permanently attached, folds down when the tripod is closed. Legs have a spike for rough ground, and a rubber buffer for slippery floors. Camera can be fixed at right angles for floor "shots." The camera panoramas a complete circle, and elevates to 150 degree. Top sections, oak, lower, steel tube. Height fully extended, approximately 6 ft., closed 2 ft. 9 in.

£7 10 0

DALLMEYER WIDE ANGLE AND TELEPHOTO LENSES

Interchangeable with standard 1-in. focus anastigmats.



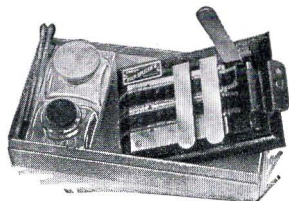
Focal Length	Aperture	
15 mm.	f/2.9	£7 0 0
20 mm.	f/2.9	6 0 0
2 in.	f/1.9	9 3 0
2 in.	f/2.9	8 10 0
3 in.	f/3.5	9 4 0
3 in.	f/2.9	10 10 0

Matched view finders for use with Auto-Kinecam only, extra £2.

ENSIGN 16 mm. DOUBLE FILM SPLICER

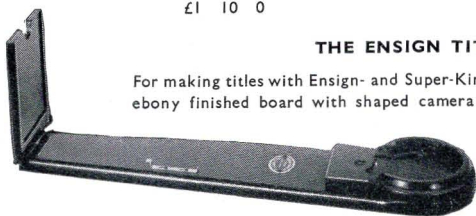
Cuts and scrapes both ends of the film at the same time. The hardened steel serrated scraper is attached centrally and is self-adjusting and interchangeable. Complete in box with bottle of film cement, empty water bottle, two cement brushes, and instructions.

£1 10 0



THE ENSIGN TITLE-WRITER

For making titles with Ensign- and Super-Kinecams. Extremely simple. Comprises ebony finished board with shaped camera "saddle" and hinged frame for title cards, a bottle each of white and black titling ink, two penholders, a supply of special nibs, and a quantity of four different shades of suitable title cards ... £2 2 0



ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN SILENT-SIXTEEN PROJECTORS

A complete departure from conventional projector design. Embodies many new features which revolutionise the facility with which a projector may be handled. The whole operation being reduced to that simplicity associated with the operation of a portable gramophone.



NO "UNPACKING "
NO "FITTING UP "
NO "PUTTING AWAY "

The handsome case in which the mechanism is permanently fixed is strongly but lightly made, and is covered with the finest quality black leather cloth. The front opens and folds back for easy loading and manipulation, every part being very accessible.

By one movement both spool arms are brought up into position at the same time, and by a similar movement folded away again.

THE MECHANISM. Mounted in die-cast housings, and completely silent in operation. It embodies the positive claw, and patent flickerless barrel type shutter, thus retaining the well-known rock-steady screen picture associated with all Ensign Silent Sixteen projectors.

OPTICAL EQUIPMENT. Designed as one unit, and the special 2 in. $f/1.8$ Dallmeyer "Superlite" projection lens is the best the world produces for 16 mm. projectors. It is mounted in a hinged mount for easy threading, and has "quick thread" focussing.

THE FRAMING DEVICE. This most ingenious feature centres the picture on the screen by the simple movement of a lever, without requiring to alter the elevation of the machine.

MOTOR DRIVE AND COOLING SYSTEM. The driving unit is mounted in a separate section with the lamp, and embodies a powerful silent running fan, which provides scientifically conducted draught for both lamp and motor regulator, thus during operation they remain completely cool. The motor regulator is operated through the case, from the outside. The 300 B model has an auxiliary fan mounted directly beneath the mechanism which cools the operating parts, gate, and film during operation.

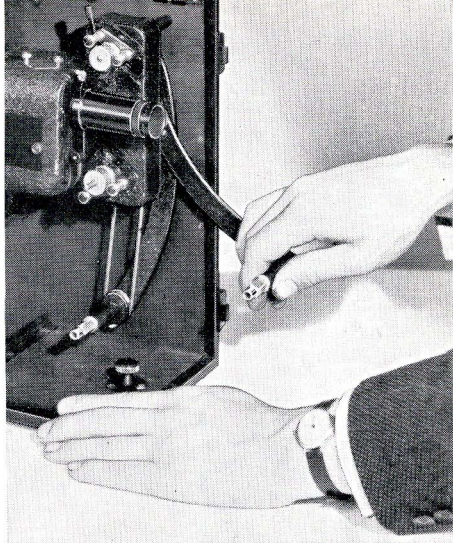
ILLUMINATION is provided by a specially constructed double coiled 100-watt or 300-watt (according to model), 100-volt lamp, with powerful reflector designed to the filament of the lamp, and an auxiliary resistance is included for all voltages from 100 to 250. A "still" picture can be shown with the 100B.

PRICES

Complete with all leads, 400-ft. spool, oil bottle, Dallmeyer 2 in. "Superlite" $f/1.8$ projection lens, "all-voltage" resistance, lamp, spare take-up spring, and driving belt.

Model 100 B with 100-watt lamp	...	£17 10 0
Model 300 B with 300-watt lamp	...	£29 10 0

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS





ENSIGN 16 mm.

"MICKEY MOUSE" HOME MOVIE OUTFIT

Produced by special arrangement with Walt Disney Mickey Mouse Ltd.

Designed more especially for children to use, but at the same time a perfect mechanical job, capable of giving a bright 3-ft. picture on the screen. Mickey Mouse, the world's most popular entertainer comes now right into the home. The Mickey Mouse Home Movie Outfit works from any house lighting circuit.

Hand-Drive Outfit

Fitted with "Super" lens, for use on any ordinary house lighting voltage from 100 to 250, capable of taking full-length Library films; the outfit is complete and ready for use. In handsome case, and including 100-ft. Mickey Mouse film. £7 10 0

Motor-Drive Outfit

Projector as above, but fitted with motor and motor speed regulating unit. In handsome case, and including 100-ft. Mickey Mouse film. £12 7 6

ENSIGN

"MICKEY MOUSE" and "SILLY SYMPHONY" 16 mm. FILMS

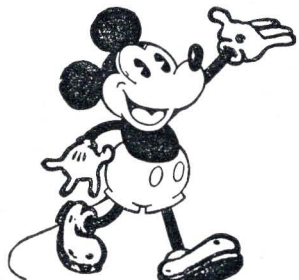
All the subjects are taken from standard films which have appeared in the picture theatres from time to time, and many of the old favourites will be seen.

"MICKEY MOUSE"

- No. 1. "Carnival Days"
- No. 2. "A Love Serenade"
- No. 3. "Phantom House"
- No. 4. "Nightmare"
- No. 5. "Mickey Enlists"

- No. 6. "Mickey Goes to War"
- No. 7. "The Jolly Farmer"
- No. 8. "A Wild Ride"
- No. 9. "The Cat's Away"
- No. 10. "A Cheese Roll"

- No. 11. "The Big Show"
- No. 12. "Vaudeville"
- No. 13. "A Piano Concerto"
- No. 14. "Jungle Jinks"
- No. 15. "Animal Antics"



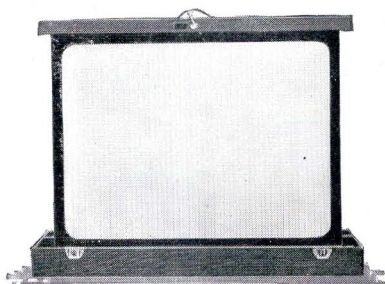
"SILLY SYMPHONIES"

- No. 101. "Nursery Rhymes I"
- No. 102. "Nursery Rhymes II"
- No. 103. "Nursery Rhymes III"
- No. 104. "The Brownies"
- No. 105. "Merry Elves"
- No. 106. "Spring"
- No. 107. "Frog Follies"

- No. 108. "Toyland"
- No. 109. "Fireworks"
- No. 110. "Zulu Jazz"
- No. 111. "Hot-Pot"
- No. 112. "The Skeleton Dance"
- No. 113. "At Cock Crow"

Length approx. 100 feet. Price each on Spool 21/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



ENSIGN PORTABLE SILVER PROJECTION SCREENS

A most practical type of screen. Can be erected in an instant by one hand only. Provides a very brilliant picture. The screen is lowered into the box by one movement. Oak box, polished, and fitted with strong carrying handle and clasps.

Patent.

No. 11.	32 x 24 in.	...	£2 12 6
No. 12.	40 x 30 "	...	3 5 0
No. 13.	50 x 40 "	...	4 0 0

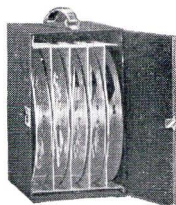
ENSIGN FILM STORAGE HUMI-CASES

FOR 400-FT. SPOOLS. Metal cases, crystalline enamelled with removable inside, rack taking five 400-ft. reels, and moisture pad. Essential for keeping films properly stored.

Ripple enamel finish 5 spools £1 7 6

Leather covered " 1 17 6

FOR 100-FT. SPOOLS. Best quality morocco leather, with metal rack and moisture pad 17/6



FILMS FOR SALE



Professionally-made cartoons, comedies and instructive films are available in 100-ft. lengths, complete with spool. Including Felix, Oswald (200-ft. lengths), and many others.

Prices : 100-ft. subjects 17/6 200-ft. 47/6



FILMS FOR HIRE

FROM THE ENSIGN SHOW-AT-HOME LIBRARY

A special catalogue of Professionally-made films is available giving details of hundreds of first-class films for use in any 16 mm. projector. All subjects are first-class films, many, such as "The Battles of Coronel and Falkland Islands" being very famous. Annual Subscriptions 21/-, 50/- and £5.



CHARLIE CHAPLIN

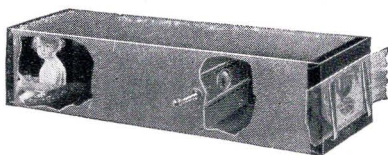


JANET GAYNOR



HOOT GIBSON

ENSIGN DAYLIGHT ENLARGERS



No more difficult to handle than an ordinary printing frame, and the results are incomparably more attractive. There is no focussing. Just put the negative at one end and the bromide paper at the other. Made of seasoned wood, leatherette covered. Holders for negative and bromide paper. Achromatic lens and metal shutter.

No. 1. Square.	For post-card enlargements, from negatives	$2\frac{1}{2} \times 1\frac{1}{8}$ in.	...	...	15/-
No. 2. Square.	For post-card enlargements, from negatives	$2\frac{1}{4} \times 3\frac{1}{4}$ in.	...	...	17/6
No. 2M Square.	Enlarges Ensign Midget negatives to	$2\frac{1}{4} \times 3\frac{1}{4}$ in. size	...	...	17/6
No. 3. Conical.	For $\frac{1}{2}$ -plate enlargements from negatives	$3\frac{1}{2} \times 2\frac{1}{4}$ in.	...	...	27/6
No. 5. Conical.	For 1/1-plate enlargements from negatives	$4\frac{1}{2} \times 3\frac{1}{4}$ in.	...	...	32/6

ENSIGN MAGNAPRINT ENLARGERS

SUPER-SPEED CONDENSER MODELS

The "Magnaprint" gives you super speed without the slightest loss of quality. This is mainly due to the perfect optical and illuminating system employed, whereby a light diffused at its source and requiring no adjustment is concentrated on the lens by a powerful condenser, by which every particle of light coming from the illuminating source is used for the purpose of exposure. The extreme power of the "Magnaprint" enlarger can best be realised by the fact that it takes no more than 3 seconds to make a 1/1 plate enlargement from a normal $\frac{1}{4}$ -plate negative.

For $3\frac{1}{2} \times 2\frac{1}{2}$ and all smaller negatives, also large portion of $\frac{1}{4}$ -plate; $4\frac{1}{2}$ -in. condenser, Ensar f/6.3 anastigmat. Enlarges up to 15×10 .

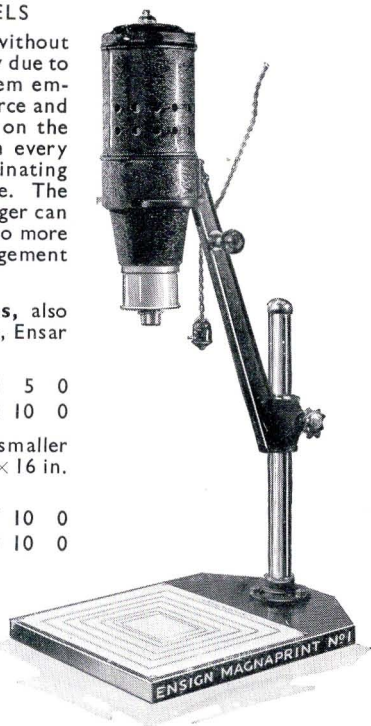
H/1	Horizontal model	...	...	£5	5	0
V/1	Vertical model	...	...	8	10	0

For $\frac{1}{4}$ -plate and 9×12 cm. and all smaller sizes—6-in. condenser. Enlarges up to 20×16 in. Ensar f/6.3 anastigmat.

H/2	Horizontal model	...	...	£7	10	0
V/2	Vertical model	...	...	10	10	0

SILVALUX LAMPS for H/1 and V/1: 100 watt, 3/5; for H/2 and V/2: 150 watt, 5/9. Red lamps, 5/-; Plate holder for copying for V/2, 20/-. Lantern Slide reducing attachment, for V/2, 15/-.

ENLARGING EASELS: No. 1, 21/-; No. 2, with tilting rotating movements, 50/-



ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS
36



Taken with the aid of a single Philips Photo Flux Bulb by A. D. McGuirk, Worcester.



PHILIPS

"PHOTO FLUX" FLASH BULBS

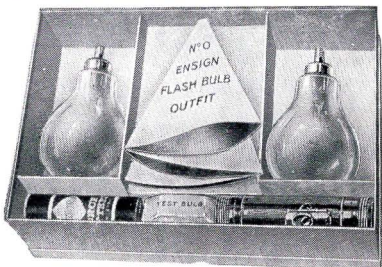
The amateur's joy—they look like ordinary electric bulbs, but actually give one brilliant, noiseless, smokeless flash. They are set off by a pocket torch. 1/- each.

ENSIGN PHOTO FLASH-BULB OUTFITS

**WITH PHILIPS "PHOTO FLUX"
BULBS**

NO SMOKE! NO NOISE!

Entirely revolutionises indoor snapshot making. Dispenses with the inconvenience, smoke, and noise of flashpowder and requires no previous preparation. Absolutely correct exposure is secured.



- | | |
|---|------|
| No. 0 Outfit with 2 flash-bulbs, Silverlite folding reflector, torch, battery, and test-bulb | 5/6 |
| No. 1 Outfit with 2 flash-bulbs, torch, battery, test bulb, and Multiray metal reflector | 12/6 |

"PHOTO-FLOODLIGHT" OUTFITS

Metal reflector on non-conducting material stand and metal base, with switch, 6-ft. flex with bayonet pin plug.

PRICES (without lamps)

For screw fitting lamps, 12/6 For screw or bayonet lamps, 15/-

HIGH INTENSITY LAMPS

Inexpensive high intensity lamps for indoor photography for amateurs, giving a highly actinic light.

OSRAM, "Photoflood" 7/6 NITROPHOT, Type "K" 7/6
PHILIPS' "Photolita" 8/6.

STANDARD NITROPHOT, 500 watts 20/-

State voltage when ordering.

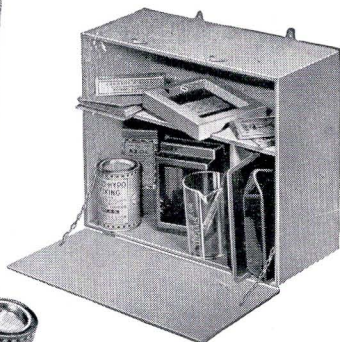


EASI-FLASH PHOTO KIT A complete flashlight outfit containing metal flash-lamp, powder measure, 3 tapers and flash powder. In neat storage box with instructions 2/6

JOHNSON'S FLASH POWDER Gives a brilliant, instantaneous flash with a minimum of smoke and dust. Small ... 1/- Large ... 1/9 1 oz. tins 2/6

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN "DO IT YOURSELF" DEVELOPING AND PRINTING OUTFIT



Available in cardboard storage box, or in wood cabinets for fixing to wall, etc.

Endless pleasure can be obtained from doing your own developing and printing. But you must start with a complete and reputable outfit. There's no need to look around the home for makeshift utensils. With this outfit everything that is wanted is included. In a strong attractive box for easy storage.

Contents of Outfit

- | | |
|------------------------------------|-------------------------------|
| 1 oz. bottle "Azol" developer. | 1 3½ × 2½ Printing Frame. |
| 1 Bakelite developing dish. | Floating Thermometer. |
| 1 Xylonite fixing dish. | 4 oz. tin Acid Fixing Powder. |
| 1 Dark-room lamp with night light. | 1 Tube Amidol developer. |
| 4 oz. Tumbler measure. | 3 Packets M.Q. developer. |

In cardboard box	...	...	...	...	8/6
In well made wood cabinet for fixing to wall					15/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN "DO IT YOURSELF" DAYLIGHT DEVELOPING TANKS

Doing your own developing is very interesting and involves no tedious hours in the dark room. A daylight tank will do it all for you, and if you use High Speed or Panchromatic Film is absolutely essential.



ENSIGN JUNIOR DISH for Roll Films

For the beginner. Metal throughout, with aluminium finish outside, and special anti-sulphuric coating on the inside so as to render the dish impervious to chemical action. No. 2B. For size "20" $2\frac{1}{4} \times 3\frac{1}{4}$ in. roll films 6/6
Developing Powders, packet of 6, 1/-

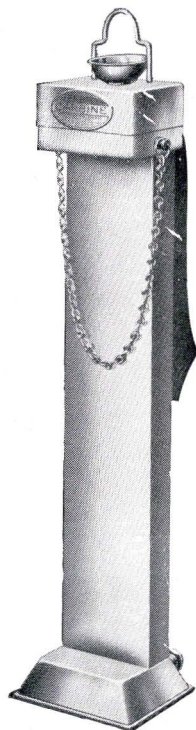
ENSIGN CARBINE TANK for Roll Films

Eminently suitable for all roll films and especially super-sensitive and panchromatic. With the Carbine Tank you load and develop the film, in the tank, in broad daylight. There is no risk of fogged or under-developed negatives. Just clean sparkling negatives of exceptional printing quality. No changing box or apron. Made in solid brass, black enamelled and plated.

Model 1. For $1\frac{5}{8} \times 2\frac{1}{2}$ in. (V.P.) size	27 films	15/-
Model 2. For $2\frac{1}{4} \times 3\frac{1}{4}$ in. „	20 films	21/-
Model 3. For $2\frac{1}{4} \times 4\frac{1}{4}$ in. „	16 films	25/-
Model 4. For $4\frac{1}{4} \times 3\frac{1}{4}$ in. „	18 films	30/-

Developing Powders

For Tanks, Model 1	Packet 4d.	Box of 6	1/6
For Tanks, Model 2	Packet 5d.	Box of 6	2/-
For Tanks, Model 3 and 4	Packet 6d.	Box of 6	2/6



ENSIGN KLIMAX TANK for Plates

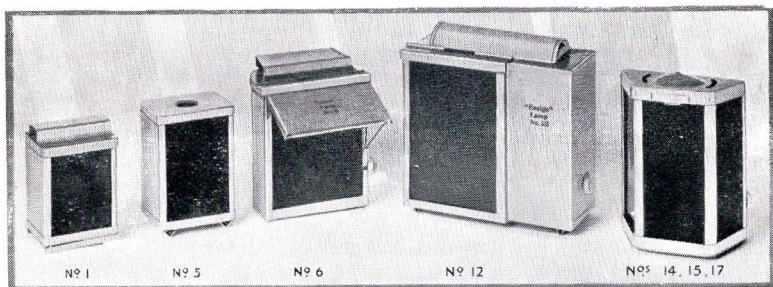
All operations (except loading) can be carried out in daylight. Six plates may be developed at one time. Brass throughout, with exceptionally fine nickel plating. For $3\frac{1}{2} \times 2\frac{1}{2}$, 18/6. $4\frac{1}{4} \times 3\frac{1}{4}$, 20/-. $5\frac{1}{2} \times 3\frac{1}{2}$, 22/6

Developing Powders—box of 6 1/6

FILM PACK TANK

For the daylight development of a complete film pack. Every operation, except loading, done in daylight. Films loaded separately into carriers. Solid nickel, with loose rack for films.

$3\frac{1}{4} \times 2\frac{1}{4}$, 24/- $4\frac{1}{4} \times 3\frac{1}{4}$, 25/- $5\frac{1}{2} \times 3\frac{1}{2}$, 27/-
Developing Powders. Packets of 6; No. 1, 1/6;
No. 2, 2/3; No. 3, 3/-.



ENSIGN DARK-ROOM LAMPS

For Night Lights—Japanese metal, substantially made and well ventilated. Fitted with removable top, safe ruby glass and night-light.

No. 1. With glass front, $3\frac{1}{2} \times 2\frac{1}{2}$ in., 1/- Night lights, 3d.

For Oil Burning—Metal, enamelled and well ventilated. Removable top.

No. 5. With pick-up burner, and safe glass, $4 \times 2\frac{7}{8}$ in. ... 1/6

No. 6. With externally operated burner, cowl, adjustable shade and safe glass, $5 \times 4\frac{1}{4}$ in. ... 2/6

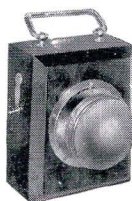
No. 12. Gives a safe, reflected light; painted white inside. With oil burner, ruby glass and orange fabric, $6 \times 4\frac{1}{4}$ in. ... 5/-

No. 14. Bi-hexagon shape, substantially made. Fitted with hinged top and two ruby and one orange glass. For oil, size $5\frac{3}{4} \times 2\frac{1}{2}$ in. ... 5/6

No. 15. For oil, size $7\frac{1}{4} \times 3\frac{1}{2}$ in. ... 7/6

Ensign Burning Oil, 6-oz. tins ... 9d.

For Electric Light. No. 17 similar to No. 14 ... 7/6



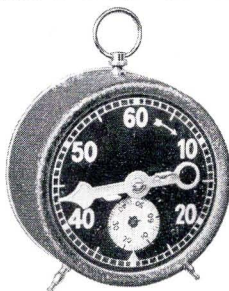
SAFELIGHT PORTABLE ELECTRIC LAMP

For all classes of work. Being fitted with safelight ruby screen and orange glass, is suitable for loading or developing plates or papers. Has $3\frac{1}{2}$ -volt lamp and long-life battery. Substantial case, magnifying front glass 6/6

ELECTRIC LIGHT COVERS

For use on any electric point. For loading plates, making prints, or turning a room into a perfect "dark-room."

Ruby or Orange. Small or Large ... each 4/6



PHILIPS DARK-ROOM LAMPS

These 40-watt lamps will never develop heat. The light given cannot "fog" plates or films. For voltages 100/130 or 200/260.

Dark Red for orthochromatic material ... 2/9

Pale Red for Bromide papers ... 2/9

Amber for gaslight papers ... 2/6

Dark Green for panchromatic material ... 2/6



NUBIAN DARK-ROOM CLOCK

Indicates seconds and minutes on separate dials. Clearly defined hands and figures, easily readable in red light. Rings alarm at hour ... 15/9

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

MEASURES

Ensign Universal

Tumbler shape moulded with foot and lip. With English and Metric fluid graduations, and graduations for measuring bulk chemicals, soda hypo, acid hypo, alum, soda sulphite, carbonate, and pot. meta. ... 2/6

Tumbler. White enamelled graduations, glass.

1 oz.	2 oz.	4 oz.	8 oz.	10 oz.
—	10d.	1/-	1/4	1/6
Celluloid	—	2/-	—	3/6

Everseen. Black Print markings, white top edges.

Conical	1/6	1/8	2/-	—
Cylindrical	—	1/8	2/-	3/-

Engraved Letter. Conical or Cylindrical,

1/3	1/6	1/8	2/3	2/6
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Graduated Jugs.—Glass

... 1 pint, 3/-

1 quart

3/9

Funnels.—Glass ribbed, 2 in. 9d.;

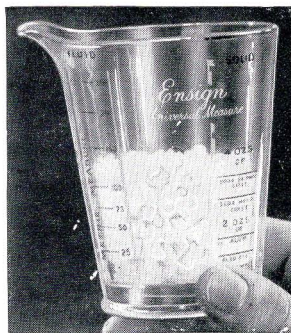
3 in. 1/-;

4 in. 1/3

Dropping Bottles with stopper and air valve

...

1 oz. 8d.; 2 oz. 10d.; 4 oz. 1/1



DEVELOPING DISHES

PORCELAIN

Finest quality Staffordshire Porcelain, with a hard glaze finish to resist chemical action.

In.	Semi-deep	Deep	In.	Semi-deep	Deep
3½ × 2½	1/2	1/3	6½ × 4½	2/6	2/9
4½ × 3½	1/6	1/9	8½ × 6½	4/-	4/6
5 × 4	1/9	2/-	10 × 8	4/9	5/6
5½ × 3½	1/9	2/-	12 × 10	7/-	8/-

XYLONITE

With ribbed bottom and lip. 10 × 8 in. and larger sizes are made extra strong without lip.

4½ × 3½ in. ...	7d.	6½ × 4½ in. ...	1/-
5½ × 3½ in. ...	8d.	8½ × 6½ in. ...	1/4

BAKELITE

Light and practically unbreakable. Perfectly flat bases. Impervious to chemical action.

3½ × 2½ in. 1/-	¾-plate 1/3	Post-card 1/6
¾-plate 2/6	1/1-plate 3/9	

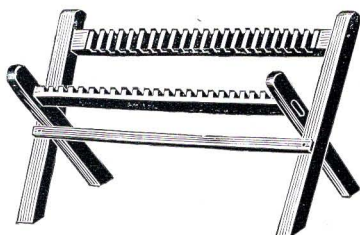
ENAMELLED STEEL

Finest quality, double coated, highly glazed, with pouring spout. White enamelled.

4½ × 3½ in. 1/8	5 × 4 in. 2/-	5½ × 3½ in. 2/-
6½ × 4½ in. 2/6	8½ × 6½ in. 3/3	10 × 8 in. 4/-
12 × 10 in. 5/6	15 × 12 in. 8/6	

FOLDING DRAINING RACKS

No. 1. Hardwood, with twelve grooves, for ¾-plate and ½-plate negatives ... 1/3

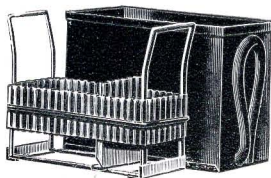


WASHERS FOR PLATES

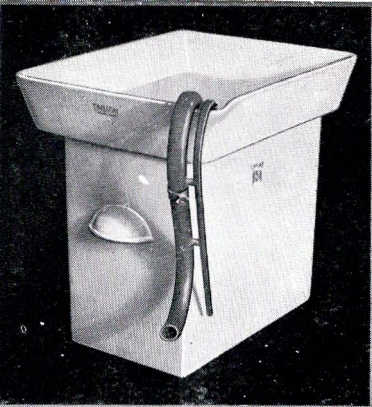
No. 1. With syphon and loose zinc rack for twelve plates. 3½ × 2½ in. 2/3 4½ × 3½ in. 2/6 5½ × 3½ in. 3/6
No. 2. As No. 1, but takes eighteen ¾-plates. Adaptable for all sizes up to ¾-plate ... 3/-
No. 3. As No. 2, made of zinc ... 5/-

FOR PRINTS

No. 7. Round, Japanned, white inside. 3½ × 2½ in. 3/- 4½ × 3½ in. 4/6
No. 8. Oblong, Japanned metal, with outlet. 4½ × 3½ in. 7/6 6½ × 4½ in. 12/6



ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



ENSIGN INTERMITTENT SYPHON

Automatically empties and refills Tanks and Dishes.

This ingeniously designed syphon operates entirely automatically, and will continue to fill and empty a dish or tank so long as the water is allowed to run.

It does not require to be touched at all. Made of solid brass tubing, nickelled, and chromium plated.

No. 1.	For use in dishes	...	...	7/6
No. 2.	For use in tanks	...	...	8/6

TRIDENT DEVELOPING WEIGHT

Facilitates the development of roll films in lengths. Made in porcelain. No. 1. Takes films up to $3\frac{1}{2}$ in. wide (without dish) 2/6. No. 2. Takes films up to 5 in. wide (without dish) 3/-

Print Lifter. For turning, submerging, and lifting prints. Keeps the fingers free from hypo.
White Celluloid with curved handle ... 1/-
Black Celluloid with weighted handle ... 2/-

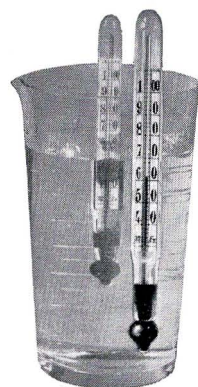
Hook Clip. For films or prints ... 3d.

Wood Clip. With metal spring.
Dozen $4\frac{1}{2}$ d. Gross 3/6

Film and Print Clip. Nickelled metal. ... 1 in. 2d. $2\frac{1}{2}$ in. 6d.

Developing Aprons.

Klip-on. Without straps or buttons. Waterproof, with a rubber front 3/9
Black twill waterproof material. Large bib. 36×30 in. ... 5/-



Crushmeter. A combined glass measure and tablet crusher.
4 oz. ... 4/- 10 oz. ... 6/-

Stirring Rods.

Ebonite, 7d. Glass, 6 in. 3d. 8 in. 4d. 12 in. 5d.

Forceps. Ebonite ... $2\frac{3}{4}$ in., 6d. $5\frac{1}{4}$ in., 1/-
Stainless Steel Small, 6d. Large, 1/-

THERMOMETERS

For testing temperature of solutions.

No. 1. 5 in. nickel case. Opal scale to 190° Fahr. 2/-

No. 2. Nickel frame, scale 30° to 130° Fahr. ... 2/6

FLOATING. Gives a reading up to 100° Fahr. Weighted end so that a vertical position is maintained when testing solutions. $3\frac{1}{2}$ in. long 1/6

ENSIGN PRINTING FRAMES

No. 4. Wood—for Films (with glass)

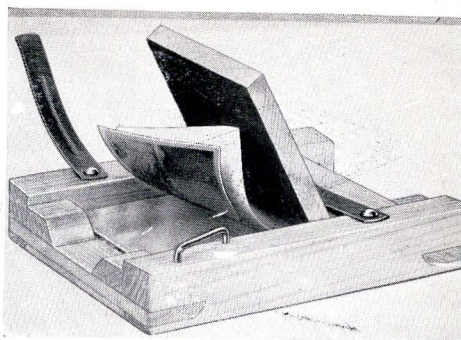
In.			In.		
$2\frac{1}{2} \times 1\frac{1}{8}$	...	1/-	$4\frac{1}{2} \times 3\frac{1}{2}$	...	1/3
$2\frac{1}{4} \times 2\frac{1}{4}$	...	1/-	$4\frac{7}{8} \times 2\frac{7}{8}$	...	1/3
3×2	...	1/-	$5\frac{1}{2} \times 3\frac{1}{2}$	...	1/7
$3\frac{1}{2} \times 2\frac{1}{2}$	...	1/-	5×4	...	2/3
$4\frac{1}{4} \times 2\frac{1}{2}$	...	1/3			

No. 6. Wood—for Plates

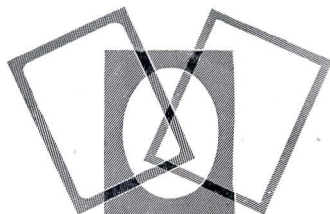
In.			In.		
$2\frac{1}{8} \times 1\frac{1}{2}$	...	11d.	$5\frac{1}{2} \times 3\frac{1}{2}$	...	1/9
$3\frac{1}{8} \times 2\frac{1}{2}$	...	11d.	5×4	...	2/3
$4\frac{1}{4} \times 3\frac{1}{2}$	...	1/3	$6\frac{1}{2} \times 4\frac{1}{2}$	...	2/3

Metal—for Plates or Films (with glass)

In.			In.		
$4\frac{1}{4} \times 3\frac{1}{2}$	...	1/3	$5\frac{1}{2} \times 3\frac{1}{2}$	...	1/6



PRINTING MASKS



"SEE-THRU" PRINTING MASKS

Transparent orange celluloid giving crisp masking of prints. Rectangular, oval and rectangular with cushion corners.

Prices per packet of each size:

Up to and including $3\frac{1}{2} \times 2\frac{1}{2}$ in.	...	Set of 3	6d.
Up to and including $\frac{1}{2}$ -plate and $4\frac{1}{2} \times 2\frac{1}{2}$ in.	..	..	9d.
Up to and including Post-card and 5×4 in.	..	..	10d.
Up to and including $\frac{1}{2}$ -plate	...	..	1/6

OPAQUE MASKS

Clean cut, square, circular and oval openings. In packets of 25.

Up to 5×4 in., per packet of each size, 6d. $\frac{1}{2}$ -plate 1/-

VIGNETTERS

For adding vignettes to snapshots. Delicately graduated. Fixed outside or inside frame. Flexible unbreakable material.

Sets of 3 oval or 3 pear openings.	$4\frac{1}{4} \times 3\frac{1}{4}$ in.	2/3	$5\frac{1}{2} \times 3\frac{1}{2}$ in.	3/-	$6\frac{1}{2} \times 4\frac{1}{2}$ in.	4/-
Celluloid. Delicately graduated, pear or oval.						
$3\frac{1}{2} \times 2\frac{1}{2}$ in. 6d.	$4\frac{1}{2} \times 2\frac{1}{2}$ in. 9d.	$4\frac{1}{4} \times 3\frac{1}{4}$ in. 9d.	$5\frac{1}{2} \times 3\frac{1}{2}$ in. 1/-		$6\frac{1}{2} \times 4\frac{1}{2}$ in. 1/6	

CELLULOID CLOUD NEGATIVES

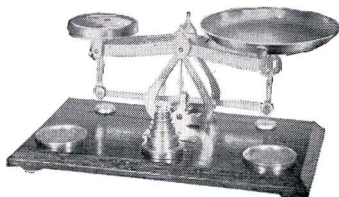
Improves the appearance and pictorial value of prints. Assorted designs of clouds.

$3\frac{1}{2} \times 2\frac{1}{2}$ in.	...	1/-	$4\frac{1}{2} \times 3\frac{1}{2}$ in.	...	1/3	$5\frac{1}{2} \times 3\frac{1}{2}$ in.	...	1/6	$6\frac{1}{2} \times 4\frac{1}{2}$ in.	...	2/-
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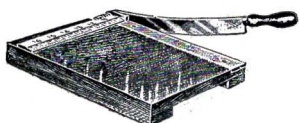
ENSIGN SCALES

No. 12a (illustrated). Nickel-plated, with large loose nickel pan and oak base, with set of weights for weighing up to 12 oz. ... 16/6
Accurately balanced. With grain and dram weights in box.

No.	Beam	Pans		
1	6 in.	Brass	...	6/6
2	8 in.	Brass	...	11/6
3	6 in.	Glass	...	8/6
4	8 in.	Glass	...	15/-
6	Pillar pattern, 6 in.	Brass	...	9/6
Set of Weights	...	...	...	1/6



ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



Wood

ENSIGN PRINT TRIMMERS

Wood

Polished hardwood, with graduated rule. Sheffield steel blade gives a clean-cut edge.

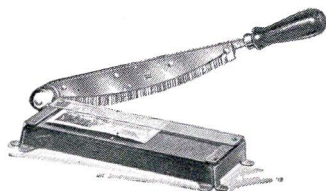
5 in. ... 6/6 7 in. ... 8/6 9 in. ... 12/-

Metal

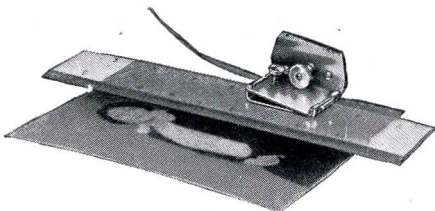
With a 6-in. cutting edge. The table has a transparent celluloid holding strip so that trimming prints with equal white margins becomes a simple matter ... 5/-

Deckle-Edge

Metal throughout. Cutting knife has serrated cast edge which produces the deckle edge on print. Fitted with transparent cutting gauge and polished wood handle. 5½ in. ... 8/6



Deckle



Exact

JAY-NAY.

No. 2. A popular priced but efficient trimmer.

5 in. ... 3/6 7 in. ... 5/-

Holborn Exact

A useful means of utilising old Gillette type razor blades. The trimmer is laid upon a ruler, pressed down and drawn along, when a clean cut results ... 1/6

Zippa

Print trimmer, mount cutter, erasing knife and scraper. Can be held at any angle by adjusting milled head screw. Uses standard Gillette pattern razor blades. Steel, oxidised finish, with detachable protector for blade 1/6



Pen Nib

Used in holder supplied or any ordinary penholder.

20 with holder ... 1/6

Trimming Knives

No. 1. Single blade, polished handle ...	1/-
No. 2. Double-edge blade, turned handle ...	1/6
No. 3. Spear-edged blade ebonised handle ...	2/-
No. 4. For cutting ovals or circles ...	2/-
Extra wheels ...	each 6d.

BRUSHES

Mounting.

Stub. Stiff hog hair, short handle ...	5d.
No. 110, Black bristles, wood handle ... ½ in., 7d.; 1 in., 1/-; 1½ in., 1/3	

Spotting

Ordinary quality ... 5d.	5d.	1	2	3	4	5	6½
Best quality, Pure Sable 8d.	8d.	9d.	10d.	11d.	1/2	1/4	1/8



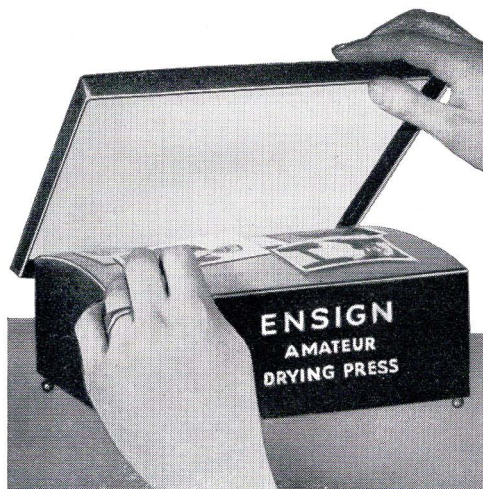
DARK ROOM PINS

Per doz.

MASCOT. Class heads and needle points ...	9d.
PRIMUS. Coiled wire heads and needle points ...	1/-
ENSIGN. Unbreakable Erinoid, small ...	1/-
Unbreakable Erinoid, large ...	1/3



ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



Electrically heated by two ordinary 40 or 60 watt lamps. Dries semi-matt or matt paper quickly and evenly in about 5 minutes, also glossy on ferrotype plates. Takes about 10 minutes to heat up and the prints are held firmly in position by a strong fabric cover attached to a metal frame.

Made of metal; with flex, lamp-holders and ferrotype plate. Any ordinary household lamps (not supplied) may be used.

18/6

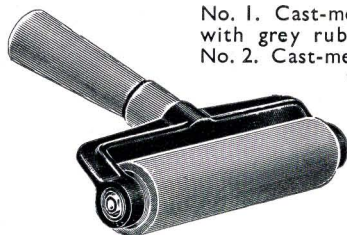
Imperial, 14×10 in. ... each 10d.
Thick each 11d.

First-class plating, prints will not stick. With rounded corners and holes for hanging.

Size 14×10 in. ... each 5/3

No. 1. Cast-metal frame, polished wood handle and roller with grey rubber covering ... 4 in., 1/4; 6 in., 1/9

No. 2. Cast-metal frame, polished wood handle and rollers with non-perishable red rubber covering. 4 in., 2/-; 6 in., 2/9.

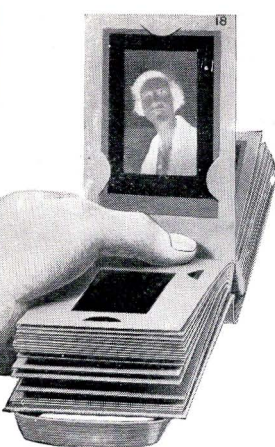


Stout grey rubber and wood handle. 4 in., 1/3. 6 in., 1/9. 8 in., 2/2. 12 in., 3/-

No. 1. 10×8 in. ... 1/- No. 2. 12×10 in. ... 1/6

Require no preparation with chalk. Prints fall off when thoroughly dry.
No. 1. 10×8 in. ... 3/6 No. 2. 12×10 in. ... 4/6

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



NEGATIVE FILES

ENSIGN "FULL VIEW" NEGATIVE ALBUM

The finding of negatives is a matter of seconds. Bound in imitation lizard and stitched to open flat. Leaves numbered 1 to 50, with Index, and elastic band to cover.

For fifty $3\frac{1}{4} \times 2\frac{1}{4}$ in. negatives 1/6

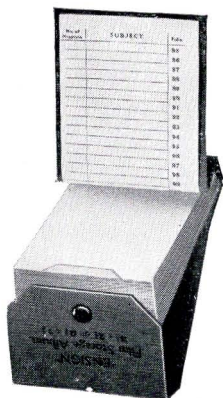
ENSIGN FILM STORAGE ALBUMS

Contains 100 numbered transparent envelopes and index, bound by loose-leaf binder into stout art linen covers. Each envelope

is interchangeable and removable. Negatives can be found instantly and moved without interference to others.

For Negatives

No. 15.	$3\frac{1}{4} \times 2\frac{1}{4}$ in. or V.P.	...	...	2/6
No. 16.	$4\frac{1}{4} \times 2\frac{1}{4}$ in. or V.P.	...	...	3/-
No. 17.	$4\frac{1}{4} \times 3\frac{1}{4}$ in. or V.P.	...	...	3/-
No. 18.	$5\frac{1}{2} \times 4\frac{1}{4}$ in. or $4\frac{7}{8} \times 2\frac{7}{8}$ in.	...	...	4/-



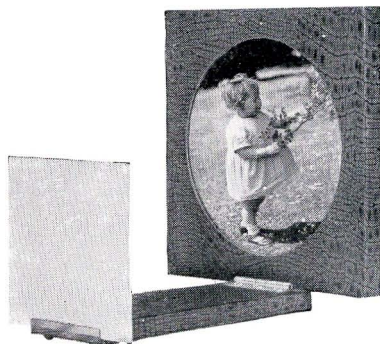
NEGATIVE PLATE BOXES

Made in polished pine with combed corners; 50 hardwood grooves and index. $3\frac{1}{2} \times 2\frac{1}{2}$ in., 5/6; $4\frac{1}{4} \times 3\frac{1}{4}$ in., 6/-; $5\frac{1}{2} \times 3\frac{1}{2}$ in., 7/-; $6\frac{1}{2} \times 4\frac{3}{4}$ in., 8/-

EXPRESS NEGATIVE BOXES

For plates or films, strong outer case covered grain paper with drawer, 50 printed envelopes and title index.

$3\frac{1}{2} \times 2\frac{1}{2}$ in., 3/-; $4\frac{1}{4} \times 3\frac{1}{4}$ in., 3/6; $5\frac{1}{2} \times 3\frac{1}{2}$ in., 4/-



ENSIGN NEGASYS FILES

For plates only. With 50 printed and numbered envelopes, and index card.

$3\frac{1}{2} \times 2\frac{1}{2}$ in., 6/6	$6\frac{1}{2} \times 4\frac{3}{4}$ in., 9/6
$4\frac{1}{4} \times 3\frac{1}{4}$ in., 7/-	$8\frac{1}{2} \times 6\frac{1}{2}$ in., 15/-
$5\frac{1}{2} \times 3\frac{1}{2}$ in., 8/6	

Extra set of 50 envelopes.

$3\frac{1}{2} \times 2\frac{1}{2}$ in., 2/-	$5\frac{1}{2} \times 3\frac{1}{2}$ in., 3/-
$4\frac{1}{4} \times 3\frac{1}{4}$ in., 2/6	

SNAPSCOPE

For viewing snapshots. Gives an enlarged and stereoscopic rendering Wood base, with mirror, and spring holder for prints 3/6

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

PRINT COLOURING MATERIALS



MARSHALL COLOURS

No experience needed to produce beautiful prints of your snapshots. Simple to use. The colours are applied to the picture in even washes. The lights and shades of the print shine through, giving the appearance of actual shading. No brushes are used—the colours are applied with wads of cotton on a skewer.

Sets with Medium, Cotton, Skewers and Tubes of Colours :

Set 0.	4 colours	7/6
Set 1.	First 15 colours, turpentine and varnish	28/-
Set 2.	Above 20 colours, turpentine, varnish, and cloth medium cup	37/6

HOLBORN "TECHNICOLOR" COLOURING OUTFIT

For tinting photographs. An efficient outfit containing all that is required. Bottle of special medium, 3 paper stumps, 5 Technicolor pencils of varying colours 2/6

BOOKS FOR PHOTOGRAPHERS

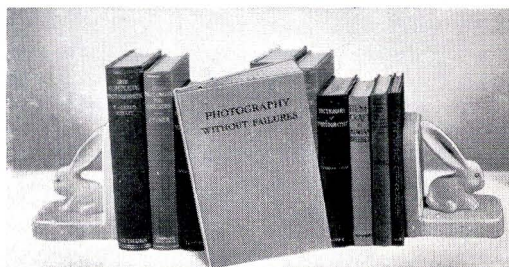
	Author			Author
The Gentle Art of Photography	K. of C.	1/6	Infra-Red Photography	Rawling 3/6
Camera Lenses	Lockett	2/6	Lantern Slides	Glover 1/-
Commercial Photography	Charles	10/6	Modern Photography for Amateurs	Fearn 1/6
Complete Photographer	Bayley	15/-	Perfect Negatives	Glover 1/-
Complete Press Photographer	Bell	6/-	Photography Made Easy	Bayley 2/-
Dictionary of Photography	Wall	7/6	Photographic Enlarging	Bayley 3/-
Enlarging	Glover	1/-	Photographic Techniques	Hibbert 2/6
Flashlight	Curtis	1/-	Photographs for Papers	Everhard 2/6
Free-Lance Journalism with a Camera	Mallinson	3/6	Photography—How to Succeed	Wastell 6d.
Hand Cameras	Bayley	3/-	Print Perfection	Glover 1/-
Ilford Manual	Bothamley	1/6	Retouching and Finishing	Adamson 4/-
			Watkins' Manual	Watkins 1/3

"PHOTOGRAPHY WITHOUT FAILURES."

A comprehensive hand-book. Fully illustrated.

2/6

47





ENSIGN POCKET ALBUMS

The
"PRINT-
NEG"

An entirely
new method
of showing
your snap-
shots and
storing
your nega-
tives.

Enables prints to be carried and shown attractively. The negative is held in a pocket behind the print, and is easily located for further use.

FOR SIZE "20"— $2\frac{1}{4} \times 3\frac{1}{8}$. Holds 8 prints and 8 negatives. Each Book File with 6 albums

No. 3014. Prairie cover	...	...	...	...	3d.	...	...	2/-
No. 3015. Imitation leather cover	...	...	...	...	4½d.	...	...	3/-

THE POCLETTE

Dainty, yet sturdily made. Stout slotted leaves, and leatherette cover with slip tongue. Holds 24 prints.

Style I.—Brown leaves, Style II.—Grey leaves

No. 2070 For $2\frac{1}{4} \times 1\frac{1}{8}$ (V.P.) Prints ... 2½d.

No. 2071 For $2\frac{1}{4} \times 3\frac{1}{8}$ Prints ... 3d.

No. 2072 For $4\frac{1}{4} \times 2\frac{1}{2}$ Prints ... 4d

THE "P.B."

Just like a Pocket Book. Blue limp seal grain Rexine cover, closed with snap fastener.

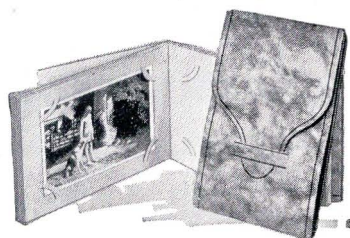
Stout slotted grey leaves. To hold 24 prints.

No. 3004. For $2\frac{1}{4} \times 3\frac{1}{8}$ Prints ... 6d.

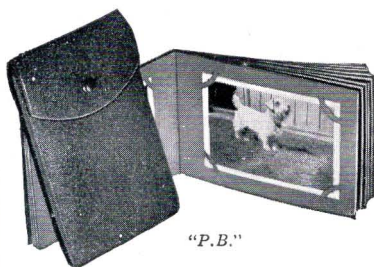
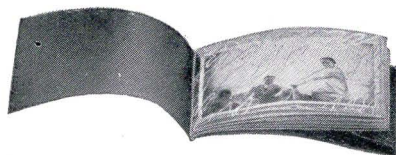
THE CELOPHOT

Contains 12 transparent (clear as glass) pockets. Holds 24 prints, back to back. Flexible black leather cloth cover with flap.

No.	Size of Pocket	For prints
2054 ...	$3\frac{1}{8} \times 2\frac{3}{8}$...	$3\frac{1}{8} \times 2\frac{3}{8}$... 7½d.
2055 ...	$4\frac{1}{8} \times 2\frac{3}{8}$...	$4\frac{1}{8} \times 2\frac{3}{8}$... 9d.



POCLETTE



"P.B."

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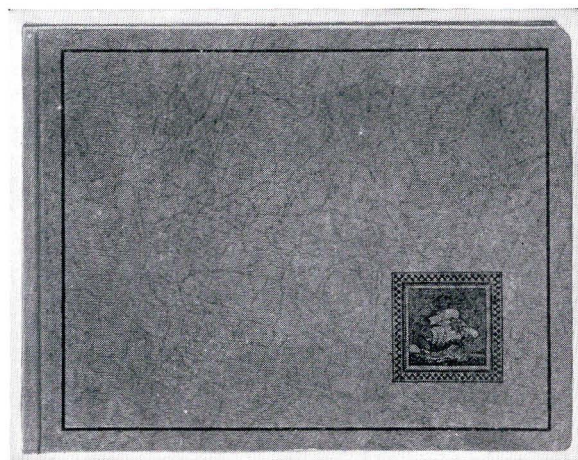
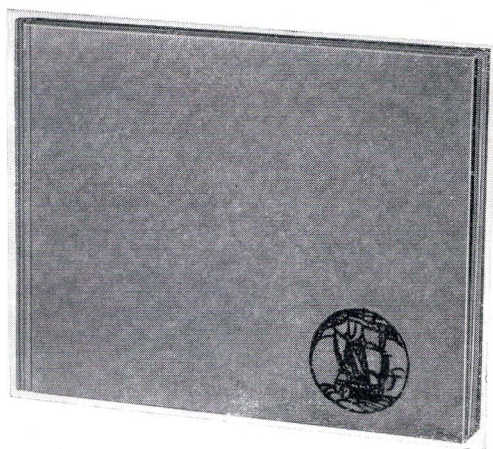
ENSIGN SLIP-IN ALBUMS

THE LUKOS

Exceptional Value

A new album to take 90, $3\frac{1}{2} \times 2\frac{1}{2}$ in. (5 on a page) pictures. Handsome stiff cover in mottled brown, artistic design with decoration. Leaf size $7\frac{1}{2} \times 10$ in.

No. 3009 ... 1/6



THE ARGOSY

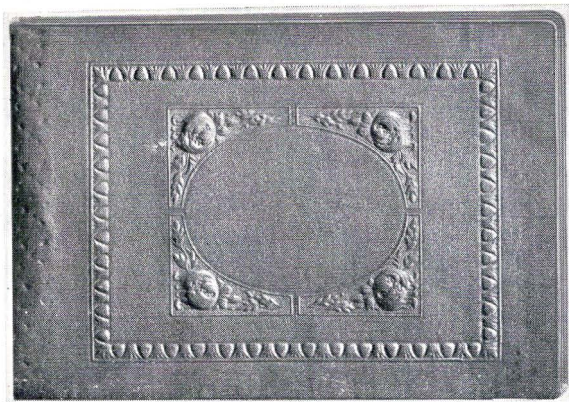
A very beautiful large capacity album at a low price. Stout cover with round corners, mottled tobacco brown covering, neat printed border and design. Slip-in openings. Separately boxed.

Style I. Brown cover and brown leaves.

Style II. Brown cover and grey leaves.

No.		Size of leaf		Leaves		For prints		To hold	
1866	...	$7\frac{1}{2} \times 10$	...	20	...	$3\frac{1}{2} \times 2\frac{1}{2}$	...	200, 5 on	... 4/-
1867	...	$7\frac{1}{2} \times 10\frac{7}{8}$	...	25	...	$4\frac{1}{2} \times 2\frac{1}{4}$	...	200, 4 "	... 5/-
1868	...	$9\frac{1}{4} \times 11\frac{1}{4}$	...	20	...	$4\frac{1}{4} \times 3\frac{1}{4}$	...	160, 4 "	... 6/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



ENSIGN ALBUMS

THE MUSEUM

A very beautiful
album in
"SLIP - IN" or
"PASTE - ON"
Styles.

Rich brown cover of a flexible antique leather cloth, embossed in light Rococo style, lined with moire mercerised cloth. The leaves—which are removable—are carried in the album by means of stout flanges threaded on to tubular pillars, hinged and tied together inside cover with silk cord.

Style I.—Brown leaves. Style III.—Black leaves. Sight size of leaf $9\frac{3}{4} \times 7\frac{1}{2}$

"PASTE-ON" No. 3000. 24 leaves, 5/-

Extra leaves 9d. per doz.

"SLIP-IN" No. 3010. For 70 $3\frac{1}{2} \times 2\frac{1}{2}$ prints, 5/- Extra leaves 2/9 per doz.

THE ELMHURST

(Paste-on).

Fine quality stout flexible art covers with embossed device. Stout flexible hinged loose leaves to match, tied with silk cord. Separately enveloped.

Style I.—Tobacco brown.

Style II.—Grey.

No. 492. $8 \times 6\frac{1}{2}$

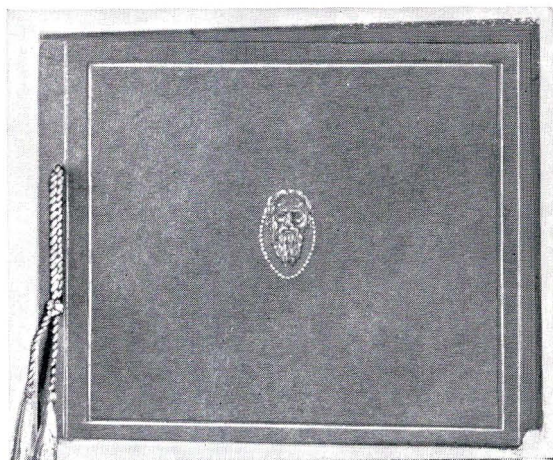
16 leaves 1/3

No. 493. $9\frac{1}{2} \times 8$

16 leaves 1/6

No. 494. 12×10

16 leaves 2/-



THE NUBIAN (Paste-on)

As Elmhurst, but with fine quality black leaves and cover.

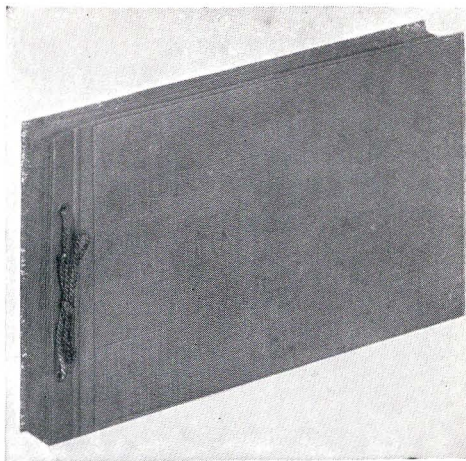
No.		Size of leaf		Leaves			
1470	...	$8 \times 6\frac{1}{2}$	...	16	...	...	1/3
1471	...	$9\frac{1}{2} \times 8$	...	16	...	...	1/6
1472	...	12×10	...	16	...	...	2/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

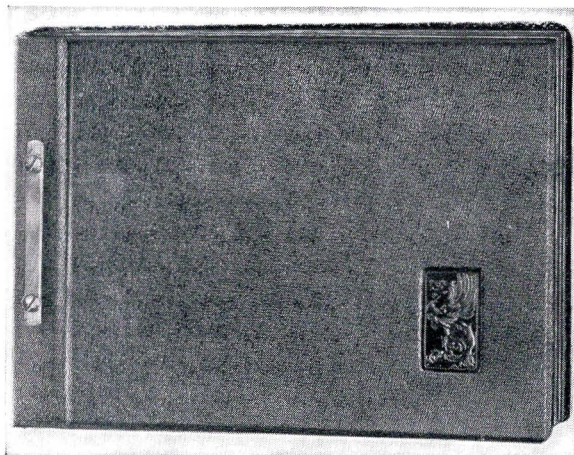
ENSIGN PASTE-ON ALBUMS

THE ZULU

Open back with loose leaves, permitting an increased capacity of 25 per cent over normal. The black flexible linen-grained cover is neatly tooled, the hinged and guarded dead black leaves are laced together with black silk cord on cylindrical tubes.



No. 2064. 50 leaves— $11 \times 7\frac{1}{2}$ inches, 3/6. Extra leaves 9d. doz.



THE DURBAN

Heavy - weight cover with bevelled edge and round corners. Bound in rich quality black cloth with embossed design. The separately hinged, guarded stout matt black card leaves engage on metal posts in loose leaf ledger form with nickel bar fixed across to keep them in position. Black only.

No.			Size of leaf			Leaves			Extra leaves per doz.
1600	...	...	8 x 6	...	...	36	6/-	...	1/6
1601	...	...	10 x 8	...	...	36	8/-	...	2/8
1602	...	...	12 x 10	...	...	36	10/6	...	3/-
1603	...	...	15 x 12	...	...	36	15/-	...	5/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

NUACE MOUNTING CORNERS



The decorative appearance of the NUACE corner is shown here.



These illustrations show the actual sizes of the 3 widths of NUACE corners.

There are no slots or slits. A NUACE corner is secured to each corner of the print by turning the corners and damping them. You then moisten the four corners of print and gently press into album.

Narrow and Standard widths.

Suitable for small prints. In Brown, Grey, White, Black, Red, Green, Silver, Gilt.

Per packet of 100 corners (gilt and silver, 60 only) ... 6d.

Oversize width.

Suitable for enlargements or large prints. In White, Sepia, Black and Grey.

Per packet of 40 corners ... 6d.

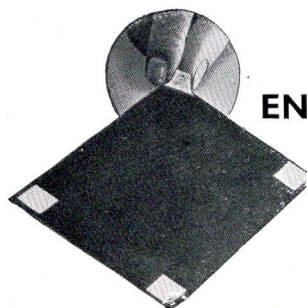
TRANSPARENT NUACE CORNERS

Quickly fixed by damping. Adheres quickly on paper or card. The whole surface of the picture mounted always at view. Suits any tone or colour of print or paper. Can also be used for newspaper cuttings, postage stamps, or Air Mail covers.

Per packet of 80 corners 6d.



Transparent NUACE corners are practically invisible.



ENSIGN MOUNTING STAMPS

A clean and quick method of print mounting. A stamp damped on one side is placed in each corner of back of print, then the other side of stamp is damped and pressed into contact of album or mount. The adhesive used will secure thin or thick paper or card perfectly flat.

Pad of 324 perforated stamps ... 3d.

"CLUB PHOTOGRAPHER" MOUNTING BOARDS

For your exhibition prints. Flexible linen-faced mounts in the standard sizes accepted by exhibition selection committees.

Style I.—Fawn with Cream Back. Style II.—Grey with White Back.

Size	...	10×8	12×10	15×12	20×15½	24×19
Per pkt. of 12		1/6	2/-	3/-	5/6	10/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

ENSIGN PASSE-PARTOUT FRAMES

THE ARTIST

The dustproof self-sealing back is a feature. All sizes up to 1/1-plate are fitted with leather board strut and silk hanger.

Style I.—Black binding, white mount.
Style III.—Oak binding, cream mount.

UPRIGHT			OB LONG		
No.		Glass size	No.		Glass size
3 1/2 x 2 1/2 in. ...	6326 ...	8 x 5 in.	6327 ...	8 x 6 in.	1/6
Post-card ...	6320 ...	10 x 6 in.	6321 ...	10 x 8 in.	1/6
1/1-plate ...	6328 ...	10 x 7 in.	6329 ...	9 x 7 in.	1/6
1/1-plate ...	6330 ...	10 x 8 in.	6331 ...	11 x 9 in.	2/6

THE ORPEN

A modified style of the famous "Artist" Frame. Made with white matt surface mount, grained black binding, hinged back, fitted with turn button and reversible strut for upright or oblong pictures.

No.	For prints	Glass size	
161 ...	3 1/2 x 2 1/2 in.	4 1/2 x 3 1/2 in.	6d.
162 ...	4 1/2 x 2 1/2 in.	5 1/2 x 4 in.	7 1/2 d.
164 ...	Post-card	6 1/2 x 4 1/2 in.	9d.
165 ...	1/1-plate	8 1/2 x 6 1/2 in.	1/-

THE BURLINGTON

The black binding is printed with a neat gilt Greek pattern. A stout self-erecting strut and silk hanging cord are fitted. The white matt surface mount is neatly plate-marked.

UPRIGHT			OB LONG		
No.		Glass size	No.		Glass size
6520 ...	Post-card	10 x 6 in.	6521 ...	Post-card	8 1/2 x 7 1/2 in.
6528 ...	1/1-plate	10 x 7 in.	6529 ...	1/1-plate	9 x 7 in.
6530 ...	1/1-plate	11 x 8 in.	6531 ...	1/1-plate	11 x 9 in.

Artist



THE KWICKMOUNT (Patent 136,082-1919).

For the "close-up" framing of any print. Made slightly larger than the print, with glass front, stout card back and side. The picture is placed in contact with the glass, sides and back folded inwards, and the whole secured by the sealing of the top gummed flap. With reversible strut for upright or oblong position.

Style I.—Brown. Style II.—Grey. Style III.—Black.

No.	For prints	Glass size	
*6150 ...	V.P.	2 1/2 x 1 1/2 in.	3d.
6151 ...	3 1/2 x 2 1/2 in.	3 1/2 x 2 1/2 in.	4 1/2 d.
6152 ...	4 1/2 x 3 1/2 in.	4 1/2 x 3 1/2 in.	5 1/2 d.
6152a ...	4 1/2 x 2 1/2 in.	4 1/2 x 2 1/2 in.	5 1/2 d.
6153 ...	5 1/2 x 3 1/2 in.	5 1/2 x 3 1/2 in.	6 1/2 d.
6153a ...	1/1-plate	6 1/2 x 4 1/2 in.	10 1/2 d.
6154 ...	1/1-plate	8 x 6 in.	1/3

*Upright or oblong—without reversible strut.



Kwickmount

ENSIGN PASSE-PARTOUT BINDING

A British Passe-Partout Binding in a wide range of selected colourings, grains, and shades. In 12-yard reels 1/2 in. wide; heavily coated with permanently adhesive binder cement.

Matt Surface

No. 2 silver grey, No. 11 myrtle green, No. 12 matt black, No. 12a bright black, No. 13 sepia brown, No. 14 mahogany brown, No. 15 very dark grey.

Crocodile-Grained Surface

No. 20 black, No. 21 maroon, No. 22 green, No. 23 brown, No. 24 dark grey, No. 25 light grey, No. 26 suede grey, No. 27 suede green, No. 28 suede brown, No. 29 suede blue.

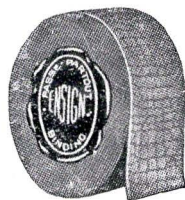
Pebbled-Leather Grained Surface

A, white. C, French grey. D, black. E, brown. F, sepia. H, green. L, maroon. M, saxe blue. N, indigo. R, silver (6 yards only). T, gold (6 yards only). U, dark maroon.

12-yard Reels (gold and silver—6 yards) ... 6d.

Write for special colour chart of Ensign Passe-Partout Binding.

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



for
ALL
GASLIGHT
PAPERS



JOHNSON'S CHEMICALS

Johnson's Fine Grain Developer

For developing miniature films where the utmost fineness of grain is required. Tins to make 20 ounces ... 1/-

Azol—The Correct Developer

A concentrated liquid. Has simple, accurate time and temperature tables. Requires the addition of water only.

3 oz. bottle to make 75 oz. 2/-
6 oz. ... 4/-

Metol-Johnson's*

Can be used as a single developer or with Hydroquinone or Pyro.

10 gramme, 1/3; 1 oz., 2/3; 4 oz., 5/3.

Hydroquinone-Johnson's*

Splendid for lantern plates. With Metol-Johnson's, it makes developer for plates and papers.

1 oz. ... 1/3 1 lb. ... 11/-

Acid Pyrogallic Johnson's*

(Pure Crystals) 1 oz., 1/10; 1 lb., 15/-

Johnson's Packets, Developers, etc.

Amidol (4 to 10 oz.) 6 packets ... 2/-

Metol-Quinol (10 oz.), Hydroquinone (8 oz.),

Gaslight (6 oz.), Pyro-Metol (4 oz.), Pyro-Soda

(8 oz.), or Gold Toning and Fixing (4 oz.).

6 packets 1/6

Ensign Concentrated Tank Developing Powders

Develops perfect unstained negatives in ten minutes (temperature 65°). Packet Box of 6

For Carbine No. 1 Tanks 4d. ... 1/6

For Carbine No. 2 Tanks 5d. ... 2/-

For Carbine No. 3 and 4 Tanks 6d. ... 2/6

Amidol-Johnson's*

The ideal developer for Bromide paper.

10 gramme, 1/-; 1 oz., 2/-; 4 oz., 5/-

Toning Pactums

Blue, Green, Red or Sepia ... per pkt. 6d.

Johnson's Scaloids

Compressed Tablets. Easily dissolved.

Vedol, Amidol, Gaslight, Hydroquinone, Metol-

Quinol, Metol, Pyro-Metol, or Pyro-Soda 1/6

Gold Toning and Fixing or Intensifier

(redevelop) ... 2/-

Reducers, Hypo Fixing or Acid Fixing 1/-

Johnson's Developer

ONE SOLUTION, for Plates, Films, and Papers.

4 oz. bottle to make 28 oz. ... 1/-

8 oz. bottle to make 56 oz. ... 1/9

TWO-SOLUTION. In bottles, Pyro-Soda,

Metol-Quinol, Pyro-Metol, Hydroquinone.

In 2 oz. pairs making 1 pint ... 1/6

In 4 oz. pairs making 2 pints ... 2/6

Johnson's Gaslight Paper Developer

4 oz. bottle to make 10 to 20 oz. ... 10½d.

8 oz. bottle to make 20 to 40 oz. ... 1/3

*Prices subject to market fluctuations.

Ensign Glazing Solution

Gives a brilliant gloss to prints without sticking.

10 oz. ... 1/3 20 oz. ... 2/-

Septon Toner

One solution, direct toning—no bleaching.

1 oz. bottle ... 1/6 10 oz. bottle ... 6/-

Sepia (Two Solution) Toner

For rich permanent browns, each 1/3 and 2/6

Sundry Solutions

Gold Toning and Fixing ... 4 oz. 1/-; 10 oz. 2/-

Intensifying uranium ... 3 oz. 1/-; 6 oz. 2/-

Intensifier redeveloper ... Two 4 oz. bottles 2/-

Reducer ... 4 oz. 1/-; 8 oz. 2/-

Matt varnish ... 2 oz. 1/3; 4 oz. 2/6

Negative varnish ... 2 oz. 1/3; 4 oz. 2/6

Dead black ... 2 oz. 1/-; 4 oz. 2/-

White ink ... per bottle, 6d. and 1/-

Retouching medium ... 1 oz. 1/-

Spotting medium ... 1 oz. 1/-

Black waterproof titling ink ... 1 oz. 1/-

Griffith's anti-sulphuric enamel for coating

dishes, etc. No. 6 Black ¼ pint 2/6; 1 pint 4/6

Bate's Dead Black ... 1/-

"Hanslick"

A cleansing powder prepared for the hands. Removes Pyro and other developer stains easily, and does not damage the skin.

Per tin ... 9d.

Acid-Hypo Fixing

Rapid in its action and not excessively acid. For Plates, Films, and Papers, except Self-toning or P.O.P.

4 oz. ... 7d. 8 oz. ... 10d. 16 oz. ... 1/6

Soda Hyposulphate

Finest selected pea crystals, 1 lb. cartons 6d.

Snowheart Hypo Eliminator

(C. Winthrop Somerville's Formula). Eliminates hypo from negatives or prints in three minutes. Each packet is sufficient for 36 ½-plates.

1 packet ... 3d. 12 packets ... 2/6

Johnson's Mountant

Free from acid and spreads evenly.

Tubes ... each 6d.

Jars ... 4 oz., 1/-; 10 oz., 1/9; 24 oz., 3/-

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

FILM PACKS

ORDINARY: Imperial, Agfa, Gevaert, and Zeiss Ikon.
 ORTHO: Selochrome, Agfa Isochrome, Zeiss Ikon Pernox.
 PANCHROMATIC: Imperial and Agfa.

Size in.	Ordinary		Ortho	Panchromatic		Size in.	Ordinary		Ortho	Panchromatic	
	12 exp.	6 exp.	12 exp.	12 exp.	6 exp.		12 exp.	6 exp.	12 exp.	12 exp.	6 exp.
2½ × 1½	2/-	1/2	2/3	3/-	1/10	2½ × 5½	3/-	1/10	3/4	—	—
3½ × 2½	2/8	1/7	2/11	4/-	2/4	4½ × 3½	4/6	2/8	5/-	6/3	3/8
4½ × 1½	2/9	1/8	3/-	—	—	5½ × 3	5/3	—	—	—	—
4½ × 2½	3/-	1/10	3/6	4/6	2/8	5½ × 3½	5/6	3/3	6/4	7/6	4/3

DRY PLATES AND FLAT CUT FILMS

DRY PLATES:—Barnet, Ilford, Imperial.

FLAT FILMS:—Orthochromatic, Panchromatic, Hyper-Panchromatic, Barnet, Ilford and Agfa.
 All 12 exposures.

Size	Except Panchromatic	Panchromatic	Backing Extra	Flat Films	
				Ortho	Panchromatic and Hyper-Pan
Inches	½-doz.	1 doz.	1 doz.	1 doz.	1 doz.
2½ × 1½	...	1/4	1/6	1/4	1/6
3½ × 2½	11d.	1/8	1/10	4d.	1/10
4½ × 3½	1/4	2/6	2/9	4d.	2/9
5 × 4	2/2	4/2	4/6	6d.	...
5½ × 3½	2/2	4/2	4/6	4/2	4/6
6½ × 4½	2/10	5/6	6/-	5/6	6/-

Prices of other sizes on application.

LANTERN PLATES

STANDARD 3½ × 3½ in. size:

Barnet, Criterion, Ilford, Imperial Per dozen 2/3 (except Criterion 1/10)

46 × 107 mm. size:

Ilford, Imperial Thin 1/8 Extra Thin 2/-

PAPERS AND POST-CARDS

SUPPLIED IN ALL MAKES AND SURFACES

BROMIDE:—Barnet, Ilford, Illingworth.

GASLIGHT:—Bar-gas, Selo.

Inches	Sheets	Inches	Sheets	Inches	Sheets	Inches	Sheets
2½ × 1½	... 24	4½ × 2½	... 8	5½ × 3½	... 12	10 × 8	... 12
3½ × 2½	... 12	4½ × 3½	... 8	6½ × 4½	... 7	12 × 10	... 6
4½ × 1½	... 8			8½ × 6½	... 6	15 × 12	... 6
4½ × 2½	... 8					18 × 15	... 6
4½ × 3½	... 8						

SELF-TONING-PAPERS

Seltona, Gevaert, Enitone. All sizes to 5½ × 3½ in. In packets 6d. and 1/-

P.O.P. (PRINTING OUT) PAPERS

Barnet, Ilford. All sizes to 5½ × 3½ in. In packets 6d. and 1/-

POST-CARDS

5½ × 3½ in. size.

Barnet, Ilford, Wellington.

Bromide, Gaslight, Self-Toning, and P.O.P. 1/- packets and packets of 100 at varying prices.

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS

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ENSIGN
LUKOS



**THE FULL-
SPEED FILM**

POPULAR SIZES

Film No.	Size of Picture Inches	Description for Ordering	For Cameras	Eight Exposures
E10	$1\frac{1}{8} \times 1\frac{1}{8}$	1J	Ensign Midget ... (6 exp.)	6d.
E27	$1\frac{1}{8} \times 2\frac{1}{2}$		Ensign Cadet—Vest Pocket Ensign	1/-
			Brownie No. 0, Vest Pocket Kodak	
E20	$2\frac{1}{4} \times 3\frac{1}{4}$	2½B	All Ensigns 2½B	1/-
			All-Distance Ensigns	
			"Auto Range" Ensign	
			Ensign Pocket "Twenty"	
			Ensign Carbines, Nos. 3, 4, 5, 6, and 7	
			Ensign Selfix "20"	
			Ensign Film Reflex	
			Ensign "Autospeed"	
E16	$2\frac{1}{8} \times 4\frac{1}{2}$	2½	Junior Box Ensign—Ensign Cupid	1/3
			Brownies, No. 2. Kodaks, No. 1	
			All Ensigns 2½	
			Ensign Carbine, Nos. 10, 12 and 14	
			Brownies, No. 2A—Kodaks, No. 1A	

OTHER SIZES

				Six Exposures
E29	2 × 3	2E	Ensign "E29"	10d.
			Ensignette No. 2	10d.
E28	$1\frac{1}{2} \times 2\frac{1}{2}$	1E	Ensignette No. 1	1/-
	$2\frac{1}{4} \times 3\frac{1}{4}$	2J	Ensignette Junior 2J	1/3
E02	$1\frac{1}{8} \times 2$	1½	Pocket Kodak	10d.
E21	$1\frac{1}{8} \times 2\frac{1}{2}$	1½	F.P.K. No. 0	10d.
E17	$2\frac{1}{4} \times 2\frac{1}{4}$	2½A	Box Ensign 2½A. Brownie No. 1	10d.
E05	$2\frac{1}{4} \times 3\frac{1}{4}$	2½C	F.P.K. No. 1	1/-
E30	$2\frac{1}{8} \times 4\frac{1}{8}$	2½	Ensign 2½, Brownies and Kodak, No. 2C	2/-
E18	$3\frac{1}{4} \times 4\frac{1}{4}$	3½	Ensign 3½, Kodak, No. 3	2/-
E22	$3\frac{1}{4} \times 5\frac{1}{4}$	3½A	Ensign 3½A, Kodak, No. 3A	2/6
E24	$3\frac{1}{4} \times 4\frac{1}{4}$	3½B	Brownie No. 3	2/-
E01	$3\frac{1}{8} \times 3\frac{1}{8}$	3½	Bull's Eye No. 2 and F.P.K. No. 2	1/6
E03	4 × 5	4	Bull's Eye No. 4	2/6
E23	4 × 5	4A	F.P.K. No. 4	2/6
E19	$4\frac{1}{4} \times 3\frac{1}{4}$	4½	Cartridge Kodak No. 3	2/-
E26	$4\frac{1}{4} \times 6\frac{1}{4}$	4½A	Kodak No. 4A	3/6
E04	5 × 4	5	Cartridge Kodak No. 4	2/6
E15	7 × 5	7	Cartridge Kodak No. 5	4/-

FILM PACKS

ORDINARY : Imperial, Agfa, Gevaert, and Zeiss Ikon.

ORTHO. : Selochrome and Agfa Isochrome, Zeiss Ikon Pernox.

PANCHROMATIC : Imperial and Agfa.

Six exposure Film Packs supplied only in Imperial make.

Size			Ultra Speed			Panchromatic			Size			Ultra Speed			Panchromatic		
Ordinary	Ultra Speed	Panchromatic	Ordinary	Ultra Speed	Panchromatic	Ordinary	Ultra Speed	Panchromatic	Ordinary	Ultra Speed	Panchromatic	Ordinary	Ultra Speed	Panchromatic	Ordinary	Ultra Speed	Panchromatic
In.	12 exp.	6 exp.	12 exp.	12 exp.	6 exp.	In.	12 exp.	6 exp.	12 exp.	12 exp.	6 exp.	In.	12 exp.	6 exp.	12 exp.	12 exp.	6 exp.
$2\frac{1}{8} \times 1\frac{1}{8}$	2/-	1/2	2/3	3/-	1/10	$5\frac{1}{2} \times 3\frac{1}{4}$	5/6	3/3	6/4	7/6	4/3	5×4	5/6	3/3	6/4	7/6	4/3
$3\frac{1}{8} \times 2\frac{1}{8}$	2/8	1/7	2/11	4/-	2/4	$6\frac{1}{2} \times 4\frac{1}{2}$	8/9	5/2	11/-	13/-	7/5	7×5	9/6	5/6	11/-	13/-	7/5
$4 \times 2\frac{1}{2}$	2/9	1/8	3/6	4/6	2/8	cm.	5/3	3/-	5/9	7/3	4/-	9×12	7/-	4/-	7/9	9/6	5/3
$4\frac{1}{4} \times 3\frac{1}{4}$	3/-	1/10	3/4	6/3	3/8	10×15											
$4\frac{1}{4} \times 5\frac{1}{4}$	4/6	2/8	5/-														
$5\frac{1}{4} \times 3\frac{1}{4}$	5/3																

ENSIGN—100 YEARS IN THE SERVICE OF PHOTOGRAPHY AND OPTICS



So Fast—So Good