



ZEISS IKON CATALOGUE



Autumn to Spring
1962 — 1963

CAMERAS · STILL & CINE · PROJECTORS · ACCESSORIES



ZEISS IKON APPARATUS

CONDITIONS OF SALE AND GUARANTEE

Zeiss Ikon photographic apparatus for amateur use is sold to the public through recognised photographic dealers only, at net prices shown in this catalogue. Owing to the market fluctuations all prices quoted are subject to alteration without notice. New Zeiss Ikon cameras and lenses are guaranteed for one year against defects in manufacture and this guarantee offers free repair or replacement of defective parts, provided a claim for repair under guarantee is made at the time of sending in the instrument to us for attention.

Upon application by the retail purchaser a printed guarantee is supplied for cameras costing £50 or over. No other guarantee or warranty expressed or implied is given and liability for consequential loss is not recognised. Purchase Tax (where applicable) current at the time of printing is included in all prices quoted herein.

Care has been taken to ensure reasonable accuracy of specification quoted in this catalogue but improvements and minor alterations in Zeiss Ikon apparatus are frequently made—therefore all specifications are approximate only.



For Overseas Visitors

Personal Export and Transhipment Mail facilities available . . . please ask for latest details.

Hire Purchase

Zeiss Ikon cameras are available from most good camera shops. Your Zeiss Ikon dealer will be pleased to talk with you over deferred terms or credit payment arrangements. Please ask his advice but if you have any difficulty in getting in touch with your local stockists please do not hesitate to communicate with us direct.

Ikoscop

SLIDE VIEWER

The magazine of the Ikoscop is above the 2" x 2" convex viewing magnifier which is protected by a hinged cover when not in use. When in operation the cover forms a tray for the viewed slides. The magazine depth is 1 $\frac{5}{8}$ " taking about 12 slides.

A single lever movement positions the slide behind the viewing lens. A second movement ejects the first slide and positions the second.

Illumination is by 15 watt lamp with ample ventilation.

The Ikoscop may also be used for viewing uncut and unmounted transparencies or negatives in strips.

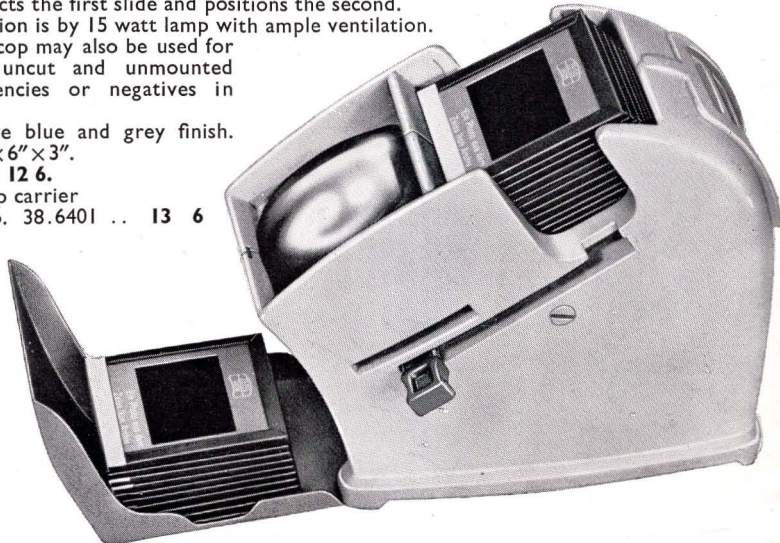
Attractive blue and grey finish.

Size: 5" x 6" x 3".

Price: £3 12 6.

Film strip carrier

Code No. 38.6401 .. 13 6



Symbolica

For the man or woman who is after quality results without technicalities, the Symbolica is ideal even if you have never handled a camera before . . . and its obvious precision construction and elegant good looks will certainly appeal to those with an eye for craftsmanship and quality. Photography with the Symbolica is quick and easy. Just move a knurled ring until the indicator comes over the index mark visible both on top of the camera and in the viewfinder (illustration alongside), observe the subject through the special bright line viewfinder and press the shutter release button at the crucial moment. That's all. A flick of the winding lever and you are ready to take another picture . . . it's as simple as that.



Lens. Genuine Carl Zeiss Tessar f/2.8, 50 mm. focal length, with great depth of focus. Specially corrected for colour and black and white photography. Focusing by setting lens to a simple symbol, for Landscapes, Groups or Portraits. Focusing scale engraved with distances of 3½ ft., 4, 5, 7, 10, 20 and Inf.

Exposure meter. Automatically coupled to shutter and iris so that an appropriate pair comes automatically into operation when the meter indicator is brought to the index. Shutter speed range 1/30 to 1/300 iris f/2.8 to f/22. Film speed adjustment between 10 and 1300 ASA with provision for filter factors also 2x, 4x.

Flash synchronisation. Exposure meter control ring engraved with flash guide numbers which are simply turned to the appropriate flash factor of the bulb. For particulars of Zeiss Ikon Ikoblitz plug in (no loose wire) flash gun, see page 20.

Viewfinder. Zeiss Ikon bright line type which shows a bright reflected frame round the subject. Easy for composition, ideal for spectacle wearers, and specially suitable for sports subjects.

Shutter. Special Prontomat shutter automatically coupled to exposure meter as above.

Rapid wind lever. Snugly built into camera body, sets shutter, advances film and actuates counter all in one movement.

Shutter release falls conveniently to hand on top of camera body, surrounded by automatic exposure counter. Release cannot be depressed until film is advanced, unintentional double exposures impossible.

Accessory shoe. On top of camera body, concealed plug in flash synchronisation sockets alongside.

Film track. Made to Zeiss Ikon precision standards with pressure plate designed to hold film accurately in focal plane . . . essential for first class results.

Body. Zeiss Ikon precision construction built for a lifetime of reliable service. Finish black leather material for comfortable handling with durable satin chrome trim.

Tripod bush in base of camera.



Dimensions: 4½" × 3⅜" × 2½".

Weight: 1 lb. 4 oz.

Code No. 10.0635 £29 10 6

De-luxe Leather E.R. case

Code No. 20.7524 £4 10 8

Cheaper Pattern Plastic E.R. case

Code No. 20.0100 £2 12 6

For accessories see page 11.



For 36 pictures
24 x 36 mm. on
usual cartridges



CONTESSA MATIC

All the advantages of the automatic camera plus independent shutter and iris control.

The advanced amateur is interested in automation only if he has free control over pictorial effect. Many photographers admire the advantages of the coupled exposure control of the automatic camera but still want to retain full manual selection of shutter speeds and iris opening . . . for such the Contessamatic has been designed.

The Contessamatic has the Prontor SLK Special shutter automatically linked with the exposure meter. The exposure reading being visible with all the scales from the camera top. Shutter and iris can be set independently and the automatic shutter/exposure meter linkage will certainly appeal to the experienced worker who still wants to retain control over exposure. At the same time by pre-selecting a suitable exposure time the camera can be used like an automatic camera.

You should really handle the camera for yourself to appreciate its clever design, ease of manipulation and quality finish, but for those who want to read more a full specification is given under.

Lens. Carl Zeiss Tessar $f/2.8$, 50 mm. focal length. Lens highly corrected for colour. Iris stops $f/2.8$, 4, 5.6, 8, 11, 16 and 22 with depth of focus scale. Special Zeiss Ikon quick setting obviates focusing for snapshots or action shots.

Exposure Meter. Ingeniously coupled to the iris. It enables either the shutter speed to be selected and the correct iris opening to be obtained by simply turning the iris control ring until the exposure meter needle and indicators coincide. Alternatively a choice of appropriate shutter speed/iris opening combinations is automatically obtained by adjusting the shutter speed indicator when once the exposure meter index and pointer have been brought to coincidence. Exposure meter index and all scales comfortably visible from top of camera. Film speed adjustment between 10 and 1300 ASA with provision for filter factors X2 and X4.

Shutter. Prontor SLK special, giving speeds of 1, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500 and B. Delayed action take yourself feature also included.

Film type and speed indicator on camera back.

Flash Synchronisation. With all types of bulb or with electronic flash, takes either the new Zeiss Ikon no wire plug-

in gun or normal flash guns with shoe fitting.

Viewfinder. Zeiss Ikon bright line type which shows a bright reflected frame round the subject. Easy for composition, ideal for spectacle wearers, and specially suitable for sports subjects.

Rapid Lever wind. Sets shutter, advances film, actuates counter.

Rewind. Recessed crank folds flat in base. Springs open at touch of button.

Shutter release. Falls conveniently to hand on top of camera body surrounded by the automatic exposure counter. Unintentional double exposures impossible.

Tripod bush on base.

Accessory shoe. On top of camera body.

Film track. Made to Zeiss Ikon precision standards with pressure plate designed to hold film accurately in focal plane . . . essential for first class results.

Body. Built for a lifetime of reliable service. Finish black leather material for comfortable handling with durable satin chrome.

Dimensions: $4\frac{1}{2}'' \times 3\frac{1}{4}'' \times 3''$.

Code No. 10.0634	..	£34 6 0
De-Luxe Leather E.R. case		
Code No. 20.7524		£4 10 8
Cheaper Pattern Plastic E.R. Case		
Code No. 23.0100	..	£2 12 6

Contessa LK



The advanced amateur is interested in automation only if he has full control over pictorial effect. For such the Contessa LK is ideal.

The Contessa LK is one of the latest models having the new Pronto LK shutter automatically linked with the exposure meter; readings being shown both on the camera top and in the viewfinder. A special feature is the magnified reading on top of the camera as it ensures absolute correct setting and is a boon to spectacle wearers. Of course the shutter and iris can be set independently and the automatic shutter/exposure meter linkage will certainly appeal to the worker who wants to retain control over exposure. At the same time by pre-selecting a suitable exposure time the camera can be used like an automatic camera.

Lens. Carl Zeiss Tessar $f/2.8$, 50 mm.

Lens highly corrected for colour, Iris stops $f/2.8$, 4, 5.6, 8, 11, 16 and 22 with depth of focus scale. Special Zeiss Ikon quick setting obviates focusing for snapshots or action shots.

Exposure Meter. Automatically coupled to shutter setting with indicator visible both on top of camera and in the viewfinder. Magnifier reading on camera top ensures absolutely correct setting . . . invaluable for spectacle wearers.

Shutter release. Falls conveniently to hand on top of camera body surrounded by the exposure counter. Unintentional double exposures impossible.

Tripod bush on base.

Accessory shoe. On top of camera.

Rapid lever wind. Sets shutter, advances film, actuates counter.

Viewfinder. Zeiss Ikon bright line type which shows a bright reflected frame round the subject. Easy for composition, ideal for spectacle wearers, and specially suitable for sports subjects.

Rewind. Recessed crank folds flat in base. Springs open at touch of button.

Shutter. Pronto LK, giving speeds of $1/15$, $1/30$, $1/60$, $1/125$, $1/250$, $1/500$ and B. Delayed action take yourself feature also included.

Film type indicator shown on counter dial.

Flash synchronization. With all types of bulb or with electronic flash, takes either the new Zeiss Ikon no wire plug-in gun or normal flash guns with shoe fitting.

Film track. Made to Zeiss Ikon precision standards with pressure plate designed to hold film accurately in focal plane.

Body. Built for a lifetime. Finish black leather material for comfortable handling with durable satin chrome.

Dimensions: $4\frac{1}{2}'' \times 3\frac{1}{4}'' \times 3''$
Code No. 10.0637 £38 6 0

Leather Ever Ready case.
Code No. 20.7524 £4 10 8

Cheaper Pattern Plastic E.R. case.
Code No. 23.0100 £2 12 6

AUTOMATIC SHUTTER/EXPOSURE METER LINKAGE

Contessa LKE

WITH COUPLED RANGE FINDER

The crystal-clear luminous frame-finder shows you at a glance the subject, the distance and the exposure



With all the up to the minute features of the Contessa LK, the Contessa LKE has in addition a built-in coupled rangefinder, which is combined in the viewfinder field, so that both adjustment of the focusing, exposure meter setting and composition are carried out at one and the same time in the viewfinder. Cleverly designed and beautifully finished the Contessa LKE is a precision instrument to be admired and used with confidence.

Lens. Carl Zeiss Tessar $f/2.8$, 50 mm. focal length, highly corrected for colour. Iris stops $f2.8$, 4, 5.6, 8, 11, 16 and 22 with depth of focus scale.

Rangefinder. Combined with large bright line finder and automatically coupled to lens focusing.

Exposure Meter. Automatically coupled with shutter setting and indicator visible both in viewfinder and magnified on camera top.

Shutter release. Falls conveniently to hand on top of camera body. Unintentional double exposures impossible.

Shutter. Pronto LK, giving speeds of $1/15$, $1/30$, $1/60$, $1/125$, $1/250$, $1/500$ and B. Delayed action take yourself feature also included.

Film type indicator combined with exposure counter dial for ready reference.

Flash synchronization. With all types of bulb or with electronic flash, takes either the new Zeiss Ikon no wire plug-in gun or normal flash guns with shoe.

Rewind. Recessed crank folds flat in base. Springs open at touch of button.

Rapid lever wind. Sets shutter, advances film, actuates counter.

Tripod bush on base.

Accessory shoe. On top of camera.

Film track. Made to Zeiss Ikon precision standards with pressure plate designed to hold film accurately in focal plane.

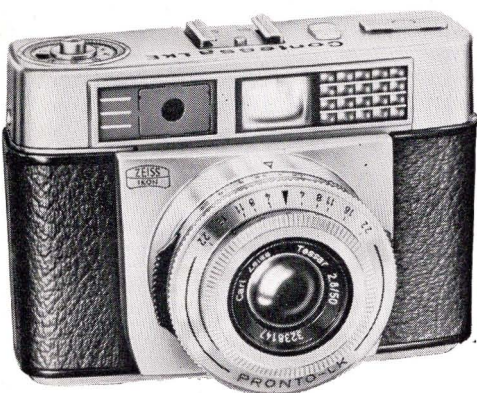
Body. Built for a lifetime of reliable service. Finish black leather material for comfortable handling with durable satin chrome.

Dimensions: $4\frac{1}{4}'' \times 3\frac{1}{2}'' \times 3''$.

Code No. 10.0638 £50 16 9

Leather Ever Ready case.

Code No. 20.7524 £4 10 8



Contessamatic E

Original model similar specification as above with Prontor SLK Special shutter giving speeds from $1-1/500$ sec. and delayed action take yourself feature

Code No. 10.0645 £58 19 6

Leather E.R. Case Code No. 20.7524 £4 10 8



ZEISS IKON FILTERS



The use of a suitable filter will improve the tone rendering of the colours of your subject and you can also use filters for special pictorial effects.

Colour filters are of help both in colour and black and white photography and a list of the various colour Zeiss Ikon filters is given under together with a guide to their principal uses. Colour filters have to be precision made, just as the camera lens, if the performance of the camera is not to be impaired. Always insist on a genuine Zeiss Ikon filter which is made to the same high standard as your camera. For prices see also page 10/11 and 14.

Yellow Filter

Particularly useful for light foregrounds under blue skies and white clouds, and for outdoor portraits against the sky. It darkens blue and lightens yellow, yellow-green, and orange tones. Filter factor (exposure increase) 2x or 1 stop.

Orange Filter

Greatly increases contrast between a light foreground and blue sky. Gives cloudscapes an atmosphere of thunder. Lightens tones between yellow and red, darkens blue-greens and blues. Penetrates light mists in landscapes. Filter factor 5x (about 2½ stops).

Ikolor-B (Blue) Filter

For photographs by artificial light on daylight-type colour film. When used with black and white film, it improves the tone rendering of pictures taken by reddish light of the usual artificial light sources. It is also popular as a contrast filter since it darkens yellow, orange and red while lightening blue. Filter factor 2.5x (about 1½ stops).

Yellow-Green Filter

Similar to the yellow filter but it also lightens the green tones of landscapes. Darkens red lips with extra red sensitive pan films. It lightens blue-greens, yellow-greens and yellows and darkens blues and reds. Filter factors 2x (1 stop).

UV Filter (almost colourless)

Used to absorb an excess of ultra-violet light, such as is the case at high altitudes and by the sea. Absorbs ultra-violet light almost completely and passes all colour, blue to red of spectrum.

Red Filter

A strong filter for taking distant landscapes and for special effects—it can make your daylight picture look like a moonlight shot. The red filter dramatises the subject and makes it almost unreal. It greatly darkens greens and blues, and lightens red and purple tones. Filter factor 8x (3 stops).

Ikolor-A (Salmon Pink) Filter

For daylight shots on artificial light type colour reversal film. Filter factor 1.5 (½ stop).

Ikolor-C (Straw) Skylight Filter

Provides a warmer colour rendering with colour film. Useful for long distance shots with bluish or hazy atmosphere, snow pictures without sunlight or pictures in the shadow where the subject is only lightened by a cloudless blue sky. Absorbs ultra-violet (but not to the extent of the UV filter) but also holds back violet, blue and dark green.

Ikolor F

For use in daytime for film specially intended for flash use. Exposure factor 2x (1 stop).

PRICES

22.5 mm. size	For Movikon and Movinette	..	..	..	..
28.5 mm. size	For Colora, Contina, Contaflex, Continamatic, Tenax, Symbolica, Continette	..	..	..	..
40.5 mm. size	For Contax lenses 21, 35, 50, 135 mm. and Triotar 85 mm.	..	..	..	..
49 mm. size	For Pro-Tessar 35 mm., Contax Sonnar 8.5 mm.	..	..	..	..
56 mm. size	For Contarex	..	..	..	..
60 mm. size	For Pantar 75 mm., 30 mm., Pro-Tessar 85 mm.	..	..	..	..
67 mm. size	For Pro-Tessar 115 mm., Contarex Sonnar 250 mm.	..	..	..	..

Code No.	£	s.	d.
35-1000	2	8	10
20-1000	2	10	7
20-1006	2	13	9
20-1007	4	17	11
20-1012	6	18	4
20-1009	8	1	0
20-1017	10	19	1



NEW 1963

CONTAFLEX SUPER B WITH AUTOMATIC FLASH CONTROL

Already acknowledged by hundreds of thousands of discerning photographers all over the world as a leader in its class another wonderful chapter of Contaflex achievement opens with the introduction of the new CONTAFLEX SUPER B, representing yet a further step in advance design by Zeiss Ikon technicians towards simplification of picture making. Exciting new features include automatic exposure control or complete manual control at choice. Shutter speeds and aperture settings visible in the viewfinder and on camera body. Automatic flash control and bad weather and against the light correction. In addition, the Contaflex Super B has direct plug-in contact for the new cordless Ikoblitz V flashgun. Usual shoe fitting type flash gun may also be used.

For the serious photographer who wants a versatile instrument capable of tackling all branches of photography, the Contaflex single lens reflex type is ideal. The image seen in the viewing screen is full negative size and shows the exact field being photographed without parallax errors right down to the closest distance . . . extreme close-ups down to 4", photomicrography work and reproduction scales of 1:1 up to a magnification of 8x for telephoto shots with the prism monocular are all within the scope of the Contaflex and are viewed and focused as easily as a simple landscape or portrait subject.

Focusing is simplified by a circular prism system set in the centre of the focusing screen which gives a double image in the centre of the field which only merges when the subject is brought to focus. All Contaflex models have pre-set iris feature, so that focusing is carried out at full aperture and the iris springs automatically to the pre-set stop when the shutter release is depressed. The focusing screen is particularly bright and photographers interested in flash will appreciate the automatic control which operates both with the standard lens and the 35 mm. wide angle lens. The Contaflex Super B is the world's first mirror reflex camera having automatic flash control.

Full details of the wide range of accessories for the wonderfully versatile Contaflex will be found on pages 10 and 11.

SPECIFICATION

Lens. Carl Zeiss Tessar f/2.8 50 mm. focal length. Front lens element interchangeable by bayonet fitting. Highly corrected for colour or black and white photography. Focusing distances engraved $2\frac{1}{2}$, 3, 4, 5, 7, 10, 20 ft., inf. Iris stops marked: f/2.8, f/4, f/5.6, f/8, f/11, f/16, f/22. Depth of-focus scales visible from above. All iris stops click into position, and are pre-set to allow focusing at full aperture and automatically close to desired aperture when shutter operates. Aperture scale also visible in viewfinder.



Contaflex

SHUTTER. Synchro Compur Automatic, giving speeds of: B, 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500. Free manual shutter speed and automatic diaphragm setting with B locking. Full synchronisation for flash bulbs and electronic flash with automatic flash control and built-in delayed action feature.

AUTOMATIC EXPOSURE CONTROL. Ingeniously designed so that shutter speeds up to a full second may be pre-selected and the diaphragm springs automatically to the correct stop value. Alternatively, if the stop value indicated in the viewfinder is not desired, the shutter speed ring may be turned until the desired f/ stop is indicated. The automatic exposure control can be easily uncoupled to allow complete freedom of choice of shutter speeds or aperture, irrespective of the built-in exposure meter indicator.

REFLEX VIEWING. Through pentagonal prism giving upright, parallax free and laterally correct image of full negative size. Central split image for coincidence focusing and outer ground glass ring. All settings can be seen without interfering with the viewfinder image, focusing, framing, aperture setting and exposure time.

RAPID LEVER WIND. Advances film, sets shutter, operates picture counter and positions the reflex mirror with light proof flap . . . all in the one operation.

SHUTTER RELEASE. Falls conveniently to hand on top of camera body, surrounded by automatic exposure counter. Release cannot be depressed until film has been wound on, unintentional double exposure impossible.

AUTOMATIC FLASH CONTROL. The aperture is automatically adjusted as the focusing distance is set within the limitations controlled by the flash guide number selected on the appropriate scale on the shutter. Automatic control also operates with the 35mm wide angle Pro-Tessar lens. Cordless Ikoblitz plugs directly into camera body.

FILM. Takes standard makes of black and white or colour film in usual cartridges or Contax cassettes for those who prefer to load their own film. Interchangeable back available as extra.

REWIND. Comfortable rewind of film by collapsible crank fitting snugly into camera.

FILM TRACK. Accurately made to Zeiss Ikon precision standards with pressure-plate made to hold film accurately in focal plane . . . essential for first-class results.

BODY. Zeiss Ikon precision die cast construction, elegant modern design. Finish black leather for comfortable handling with durable chrome trim. Tripod bush in base of camera. Accessory shoe on top of camera body.

Dimensions $5\frac{1}{2}'' \times 3\frac{3}{8}'' \times 3''$

Code No. 10.1272 £124 10 0

Leather Ever-ready Case.

Code No. 23.0007 £6 13 0

Weight 11b. 15oz.

prima

Simplified model with Prontor reflex shutter and 45 mm. Pantar f2.8 lens.

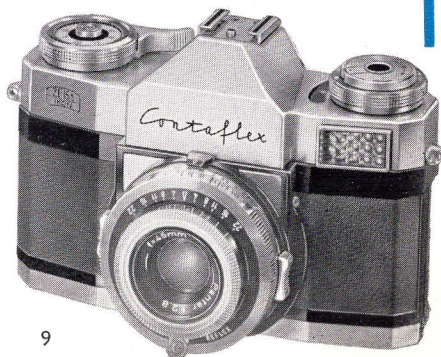
Dimensions and Weight

$5\frac{1}{4}'' \times 3\frac{7}{8}'' \times 2\frac{1}{2}''$ 1 lb. 10 oz.

£ s. d.

Code No. .. 10.1291 76 18 6

Ever-ready case .. 23.0007 6 13 0



Contaflex



MONOCULAR
400 mm.



PRO-TESSAR
115 mm.

The Contaflex is a most versatile camera and its full range can be still further increased by means of the various supplementary lens attachments. Thanks to the single reflex design, focusing and viewfinding can be performed in the usual way without the necessity of buying special finders etc.

CONTAFLEX LENSES

Pro-Tessars – Telephoto attachments.

Increases the focal length of the 50 mm. lens fitted to the Contaflex Super B, Super, Rapid, III and IV to 85 mm. or 115 mm. to give a close-up view of distant subjects.

	Code	£	s.	d.
Pro-Tessar $f/3.2$, 85 mm. with case (picture angle 28°)	11.1202	41	8	10
Pro-Tessar $f/4$ 115 mm. with case (picture angle 21°)	11.1205	43	3	2

Pantar $f/4$

Similar to above but for the Contaflex Prima, Alpha, Beta and Continamatic III.

Pantar $f/4$, 75 mm. with case (picture angle 32°)	11.0602	36	1	4
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Pro-Tessar – Wide angle attachment

For wide-angle shots covering a much greater angle of view than with the standard 50 mm. lens. For confined indoor, architectural shots, etc.

Pro-Tessar $f/3.2$, 35 mm. with case (picture angle 61°)	11.1201	39	8	2
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Pantar $f/4$

Similar to above, but for Contaflex Prima, Alpha, Beta and Continamatic III.

Pantar $f/4$, 30 mm., with case (picture angle 68°)	11.0601	34	3	0
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PRO-TESSAR
35 mm.

FILTERS – CASES – LENS HOOD

Leather case for single Pantar or Pro-Tessar	23.1001	3	18	6
Leather case for 2 Pro-Tessars (or Pantars)	23.1201	5	5	10
Colour filters G, GR, O, R, UV, Ikolor B and F for Pantar 75 and 30 mm. Pro-Tessar 85 mm.	20.1009	8	1	0
Lens hood S.60 for telephoto attachment	20.0709	1	11	8
Leather case for lens hood \varnothing S.60	20.7823	1	7	4
Colour filters for Pro-Tessar 35 mm.	20.1007	4	17	11
Adapter to fit filter series 20.1009 to 35 mm. Pro-Tessar	20.1011	1	12	3
Lens Hood for 115 mm. lens	20.0714	1	16	0
Case for above	23.2003	1	2	8
Colour filters G, UV, C for Pro-Tessar	20.1017	10	19	1
Case for above	23.2002	1	2	8



PRO-TESSAR
M. 1:1

PRO-TESSAR M. 1:1

For Contaflex Rapid, Super, III and IV for true to life and life size reproductions of postage stamps, insects and other small objects or copying of transparencies

11.1204	26	2	0
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ZEISS PRISM MONOCULAR 8x30

Gives the effect of your pictures seen through field glasses at the amazing magnification of 8x. Simply screws over the lens of the Contaflex, Super, Rapid, III and IV and increases the focal length to 16". For use at $f/16$. The Monocular, although specially corrected for photography is equally suitable for visual use and spectacle wearers can still see the complete field of view without having to remove them.

Prism Monocular 8x30 (picture angle $5\frac{1}{2}^\circ$)	20.1629	41	5	0
Case for above	20.7812	3	12	8
Attachment Ring for Contarex	20.1639	2	5	11



PRO-TESSAR
85 mm.

ACCESSORIES FOR CONTAFLEX



	Code No.	£	s.	d.
Omnicia outfit Case for Contaflex camera, Lenses, Filters, Cassettes etc.	20.7977	22	7	7
Contax reloadable cassettes, each	20.0300	3	3	11
Metal Shoe for taking Accessories (for earlier models)	20.0210	1	14	7
Contapol polarization filter 27 mm. Ø screw	20.1200	6	6	8
Zeiss Double Proxar for focusing at 3½"	20.0804	5	9	3
Right angle finder	20.1614	10	18	6
Reproduction stand for Prima, Rapid and Super	20.1850	24	15	3
Take-up spool for camera	20.0001		2	11
Carrying strap	20.0211		9	10
Lens cap for Pro-Tessar 35 mm.	20.0605		1	6
Lens cap for Pro-Tessar 85 mm. also for Pantars 30 and 75 mm.	20.0604		1	6
Lens cap for Pro-Tessar 115 mm.	20.0608		2	11

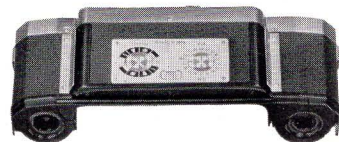
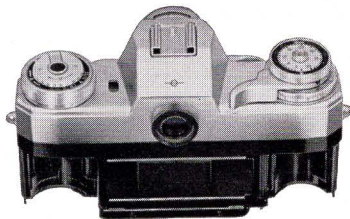
FURTHER ACCESSORIES ALSO SUITABLE FOR COLORA CONTINETTE CONTINA SYMBOLICA TENAX AND CONTESSAMATIC CAMERAS

27 mm. lens cap	20.0602		8	2
Screw-in filter 27 mm. (see page 7 for colours), coated each	20.1000	2	10	7
With 4 filters ordered at the same time, a case accommodating all 4 will be supplied free of charge in place of separate packing	20.7071	10	2	3
Plastic case only, 4 filters S.27	20.7060		10	2
CONTAPOL polarization filter Ø A 28.5	20.1201	5	15	1
Metal slip-on lens hood 28.5 mm. (for 45 and 50 mm. lenses)	20.0700		16	3
Leather case for lens hood Ø 28.5 and 3 filters S.27	20.7841		17	5
Black rubber screw lens hood (folds up in E.R. case)	20.0713		1	0
Zeiss PROXAR coated supplementary lenses (20", 12", 8½", 6")			2	10
each				7
Set of 4 Proxars in plastic box with depth of focus calculator	20.7070	10	2	3
Wire release with plunger catch enables long time exposures to be given on shutters with only "B" movement	20.0281		16	3
Ikoblitz flash gun folding model (see p. 20)	22.0002	3	5	0
Contameter optical near focusing device for close-up photography, in leather case with 0.5 mm. Proxar lens	20.1641	15	11	0

INTERCHANGEABLE BACKS FOR CONTAFLEX AND CONTAREX

Very often a photographer with a Contaflex or Contarex may find that he wants to use the camera for outdoor colour photographs, for instance, without disturbing a series of black and white illustrations, already in progress. The interchangeable back meets this need. It accommodates standard 35 mm. cassettes and a safety device fitted prevents blanks and double exposures. There is a separate exposure counter at the base and a film type and speed indicator on the back. A light-tight slide covers the film when the back is removed from the camera.

Prices		Code No.	£	s.	d.
For Contaflex . . . . .	..	20.0302	21	13	7
For Contarex . . . . .	..	20.0304	24	11	2



When two backs 20.0304 are ordered at the same time a reduction of £5 15 1 will be made if the original camera back (new) is surrendered at the time (£5 3 6 with 20.0302).



The CONTAREX is a new conception in camera design obtained by combining the best features of the Contaflex and the Contax to form a new type of camera with the advantages of both: in fact a camera with a new approach to practical photography. It has taken some two years of development work for the ZEISS IKON designers to turn this idea into an accomplished fact. Some 2,450 engineering drawings with over 25,000 measurements and specifications covering every detail of the CONTAREX were needed, and the result surpassed all expectations: the novel features and improvements in the CONTAREX put it in a class of its own among single-lens reflex cameras.

Following the perfection of every detail of the CONTAREX design, it is now in full production. Every CONTAREX consists of some 1,100 individual parts—not counting the lens!—and needs almost 4,000 tooling operations with an accuracy to 0.001 mm. (1/25,000 of an inch). Carefully selected and specially trained mechanics guarantee the highest ZEISS IKON precision workmanship, from the body casting to the final assembly.

That is why every CONTAREX is a special achievement in modern camera manufacture. You will rarely find a subject—pictorial or scientific—that the CONTAREX cannot handle with utmost precision. And some of the unusual features of the interchangeable lenses are of special advantage. For instance, the 35 mm. DISTAGON and the 50 mm. PLANAR lenses include automatic compensation for the change in effective aperture due to the extension at close distances. Interchangeable lenses with smaller lens openings than $f/2$ automatically stop the built-in exposure meter down to the available iris opening and supplementary focusing bellows permit close-ups down to $2\frac{1}{2}$ times magnification on the film.

As a result of careful planning the CONTAREX owner requires very few accessories. There is only one special viewfinder for the $f/4.5$, 21 mm. BIOGON super wide-angle lens, for instance.

Before a CONTAREX is despatched, it must pass through nearly 80 tests in the final inspection. ZEISS IKON experts have developed special ultra-modern instruments for these tests. The exact shutter speeds, for instance, are determined electronically with a crystal controlled oscillator.

The specification of the CONTAREX is given on the following page. It is a camera that looks and performs like the real 'thoroughbred' that it is. Examine it for yourself at your favourite camera shop.

Contarex

LENS

Standard CONTAREX lens is 2" (50 mm.) ZEISS PLANAR $f/2$ (or 55 mm. Planar $f/1.4$). This 6-element lens with an angle of view of 45° was designed by Dr. Paul Rudolph, the inventor of the world-famous ZEISS TESSAR. It has an amazingly flat field and is considered one of the world's leading lenses. All CARL ZEISS lenses for the CONTAREX are outstanding, i.e. they are carefully matched with regard to colour correction, with the result that each lens performs equally well from the point of colour rendering and picture quality. All lenses interchangeable by bayonet mount . . . range of 6 focal lengths available from 21 mm. to 250 mm.

VIEWFINDER/RANGEFINDER

CONTAREX pentagonal prism gives an erect and laterally correct viewing image. There are no parallax errors as is the case with the normal type of twin lens reflex . . . actual image seen on the screen comes out in the CONTAREX negative, sharp and brilliant right into the corners. Circular focusing screen and split-image rangefinder form two independent focusing systems. The subject can be followed in the finder right up to the moment of exposure . . . as soon as the exposure is made the mirror automatically returns to the viewing position.

ULTRA-SENSITIVE COUPLED EXPOSURE METER

The coupled exposure meter can be set for film speeds up to 1350 ASA, it is more sensitive than most exposure meters and gives exact readings even in very poor light. With the light-baffle removed, the sensitivity is increased by four lens stops. The exposure meter is controlled by a convenient setting wheel, and the needle is visible adjacent to the viewfinder field as well as on top of the camera body. The exposure meter is coupled automatically with the shutter but if necessary the interlock between the exposure meter and the shutter can be disengaged.

FIRST METER-COUPLED FOCAL PLANE SHUTTER/IRIS CONTROL

The CONTAREX focal plane shutter coupled to the exposure meter is unique. A single setting adjusts both exposure time and aperture. The focal plane shutter provides speeds of 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500, 1/1,000. For flash use the synchronisation is automatically adjusted as you select the shutter speed, both for flash bulbs and electronic flash. Built-in self-timer with adjustable time delay.

RAPID WINDING LEVER

One stroke of the lever advances the film, winds the shutter, fully opens the lens diaphragm, and advances the frame counter.

SHUTTER RELEASE

Falls conveniently to hand on top of camera body. Release cannot be depressed until film is advanced, unintentional double exposures impossible.

ACCESSORY SHOE On top of camera body.

REWIND MECHANISM By folding crank, normally flush, for fast rewinding.

FILM TRACK Accurately made to permit use of interchangeable backs.



BODY

Zeiss Ikon precision die cast construction built for a lifetime of reliable service. Finish black leather for comfortable handling with durable satin chrome trim.

DIMENSIONS 6" x 4" x 3 3/4"

WEIGHT 44 oz.

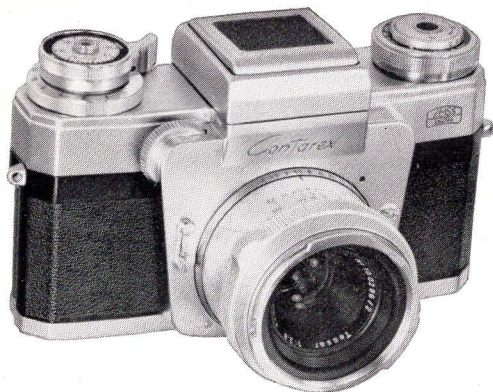
CODE No. 10.2401

PRICE With Planar $f/2$, £246 4 0

10.2407 with Planar $f/1.4$ £280 12 0

Leather Ever Ready case 20.7526 £10 8 8

CONTAREX OUTFIT CASE



Contarex Special



The Contarex will make a special appeal to scientific photographers but some workers, for instance those interested in photomicrography, may not require the built-in exposure meter. They may prefer the ability to remove the focusing screen and replace it with a normal ground glass or may require direct vision focusing from above rather than the eye-level focusing of the normal Contarex and Contaflex.

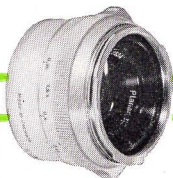
	Code No.	£	s.	d.
Contarex Special with Tessar f/2.8 50 mm. focal length, and ground glass screen with folding hood for direct viewing ..	10.2599	192	0	0
Contarex Special without lens	10.2500	140	11	0
Every ready case	20.7526	10	8	8
Ground glass attachment with leather case	20.1563	6	14	3
Prism attachment with leather case	20.1560	16	6	1
Focusing screen with prism inset with leather case	20.1564	8	16	9

CONTAREX ACCESSORIES

Biogon f/4.5 21 mm. focal length	11.2402	106	1	7
Distagon f/4 35 mm. focal length	11.2403	70	19	5
Sonnar f/2 85 mm. focal length	11.2404	90	18	9
Sonnar f/4 135 mm. focal length	11.2405	75	0	10
Sonnar f/4 250 mm. focal length, with lens hood	11.2406	182	4	5
Wide angle finder for 21 mm.	20.1500	12	19	3
Leather case for Biogon f/4.5 21 mm.	20.7755	5	0	0
Leather case for Distagon f/4 35 mm. and Planar f/2 50 mm. ..	20.7756	4	1	4
Leather case for Sonnar f/2 85 mm. (and Planar f/1.4)	20.7757	4	7	9
Leather case for Sonnar f/4 135 mm.	20.7758	4	7	9
Leather case for Sonnar f/4 250 mm.	20.7759	6	0	11
Colour Filter G-GR-O-R-UV-Ikolor A, B, F, C-B 56 mm. Ø ..	20.1012	6	18	4
Colour Filter G-UV-Ikolor C for 250 mm. Sonnar f/4	20.1017	10	19	1
Polarizing Filter CONTAPOL	20.1206	10	19	1
Zeiss PROXAR lens B 56 mm. Ø	20.0840	5	15	1
Lens hood B 56 mm. Ø for 21 and 35 mm.	20.0710	2	18	1
Lens hood B 56 mm. Ø for 50, 85 and 135 mm.	20.0712	2	18	1
Leather case for lens hood 20.0710	20.7838	1	2	8
Leather case for lens hood 20.0712	20.7837	1	2	8
Bellows focusing apparatus	20.1617	40	5	7
Table Reproduction apparatus	20.1850	24	15	3
Angle Finder (with intermediate tube)	20.1634	10	18	6
Micro attachment and attachment head for micro attachment		9	15	10
Tessar f/3.5 115 mm. focal length for bellows focusing apparatus				
Permits photography from infinity to a reproduction scale of 1:1.				
Particularly suitable for zoologists, botanists and medical				
subjects. Including caps, leather case and double cable release				
	11.2417	109	3	6



BIOGON f/4.5 21 mm.



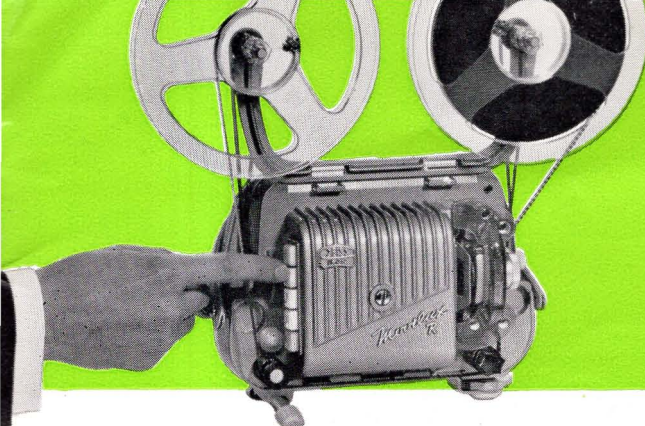
DISTAGON f/4 35 mm.



PLANAR f/1.4 55 mm.



SONNAR f/2 85 mm.



**MOVILUX
8R**

PRESS-BUTTON PROJECTOR WITH REVERSE RUNNING AND AUTOMATIC FILM THREADING

Don't let your audience down with a poor show—safeguard the result by using the Movilux 8R projector.

Five press-buttons control everything:

Normal projection, back running, full light output, economy switch to prolong lamp life, and stop.

Economy switch feature:

Enough light for normal projection—but the lamp lasts five times longer, important when adding sound.

Automatic film threading:

No fiddling, loads itself—even the loops form themselves automatically to the right size.

Silvered low voltage lamp:

Consumes only 50 watts and develops hardly any heat . . . brilliantly bright fully illuminated projection picture right to the very corners.

Choice of two Zeiss P Sonnar lenses:

Normal $f/1.3$ 20 mm. and, for big pictures in little rooms, $f/1.4$ 15 mm.

Automatic pilot light: Comes on automatically during pause in projection.

Trouble free moving parts permanently lubricated.

Size: only $10" \times 7" \times 5\frac{1}{2}"$ closed.

Sound easily added with the Zeiss Ikon sound coupler and remote speed control.

See for yourself, at your dealer, what wonderful possibilities of modern projection technique open for you with the Movilux 8R. Compare the Movilux 8R by running one of your own films through it. Then decide—you know best what you want in a projector. We are convinced that the Movilux 8R will fulfil your needs.

Movilux 8R, wonderful performance, quiet, elegant, complete with lamp, spool and Zeiss P. Sonnar $f/1.3$ 36.0051 **£67 0 0**

Movilux 8A, simpler version without push button control but just the same performance and elegant form .. 36.0028 **£59 2 0**

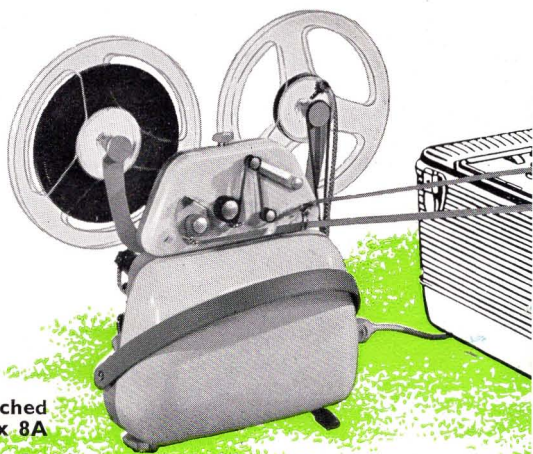
Case for Movilux 8A and 8R sound coupler, remote control reels, lamps and cables 36.7701 **£8 11 0**

Sound Coupler .. 36.3041 **£11 15 0**

Replacement lamp Type A1/185 **£1 15 0**

Extra spools for 400 ft. 36.5511 **6 6**

Remote speed control device 36.3042 **£8 6 0**



Sound Coupler attached to Movilux 8A

Ikomat

The word "automation" is very much in the public mind today so Zeiss Ikon have now brought out the new slide projector IKOMAT following this trend.

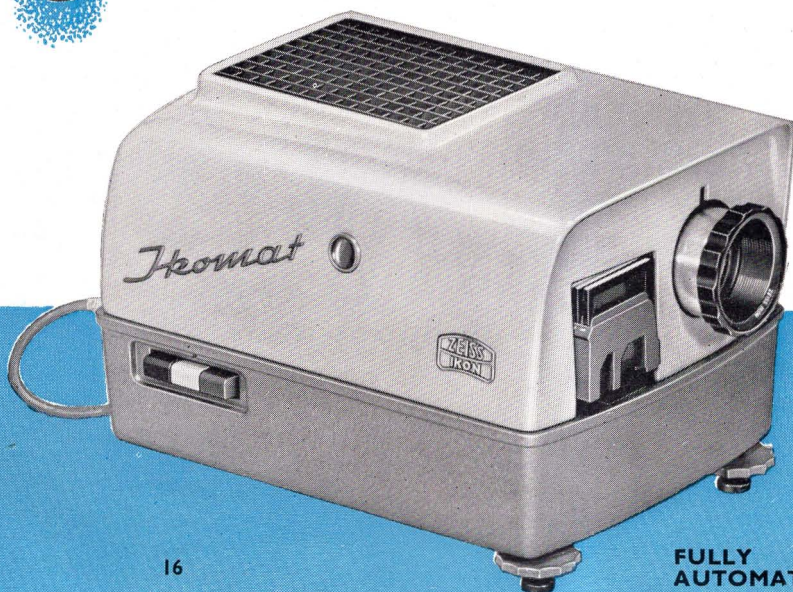
With the fully automatic IKOMAT, all operations are controlled by the press of a button—both the feeding of slides for projection, backwards and forwards, and the focusing adjustment for individual slides.

Think what this means—with the IKOMAT the projectionist can sit amongst his friends in the audience, join in with the conversation and really enjoy his own slide show.

The slides are loaded in order in the magazine and placed in the IKOMAT. The switch is depressed and the IKOMAT is ready for action and the automatic feature does the rest! With a touch of the green button on the remote control held in his hand, a slight whirr is heard and as if by magic, a brilliant picture is seen on the screen. Another press of the button, a second slight whirr and the next slide in sequence is seen on the screen, the screen being automatically blacked out during the changing process.

If one wishes to go back to a previously shown slide pressing the red control button on the remote control will operate the mechanism backward. A third button achieves yet another function remotely—no need to have a fuzzy picture on the screen because this button enables the picture to be re-focused by a slight touch—this too can be done in both directions.

The IKOMAT is guaranteed to give a new conception to slide projection—the smoothest and most enjoyable show you've ever known.



SPECIFICATION



Finish:

Smart two-tone grey enamel with motif in gold.

Operation:

Slides can be fed automatically either forward or backward by red and green keys on projector or similarly coloured buttons on remote control.

Lamp:

Either 300 or 500 watt lamps (standard type A1/178 or A1/180) may be used, and no adjustment of projector is necessary.

Focusing:

The remote control allows for individual focusing of slides by means of a "rocker type" switch which can be operated in each direction.

Optics:

Zeiss Ikon DIATAR f/2.5 100 mm. colour corrected projection lens. Aspheric condenser, silvered mirror and heat filter, all of highest optical standard. All easily removable for dusting.

IKOMAT Automatic Projector without lamp, complete with one magazine and remote control 240 volts

Ikmat as above, but with adjustable voltage. From 110, 120, 150, 220, 240 and 260 volts

Fitted Carrying Case, to take Ikmat, magazines and spare lamp

Magazines—single pack (for 30 slides)

Pack of 2 Magazines (for 30 slides)

Pack of 5 Magazines (for 30 slides)

Lamps: Type A1/178 300 watt.

Type A1/180 500 watt.

Pack of 2 Magazines (for 50 slides)

Extension Cable for remote control

Magazines:

Standard German pattern. Each slide is numbered in magazine and number may be observed through window at side of projector. Either standard 2" x 2" slides or "super slides" may be used.

Cooling:

Large fan for main cooling with small accessory fan to cool slides in magazine. Slides are "preconditioned" in magazine and even card mounted slides should not "pop-out" of focus.

Tilt Adjustment:

By screw on front legs, individual adjustment.

Lamp Adjustment:

Lamp fitted with screw adjuster for easy alignment of filament.

Electrical Fittings:

All electrical sockets at rear of machine. Special socket for Diatakt control unit connection. See below.

Dimensions: 11 $\frac{1}{2}$ " x 8" x 7 $\frac{1}{2}$ ". 15 lbs.

	Code No.	£	s.	d.
IKOMAT Automatic Projector without lamp, complete with one magazine and remote control 240 volts	38.0952	54	6	0
Ikmat as above, but with adjustable voltage. From 110, 120, 150, 220, 240 and 260 volts	38.0932	63	5	0
Fitted Carrying Case, to take Ikmat, magazines and spare lamp	38.7701	7	9	0
Magazines—single pack (for 30 slides)	38.5541	10	6	
Pack of 2 Magazines (for 30 slides)	38.5542	1	1	0
Pack of 5 Magazines (for 30 slides)	38.5543	2	11	0
Lamps: Type A1/178 300 watt.		1	17	6
Type A1/180 500 watt.		2	15	0
Pack of 2 Magazines (for 50 slides)	38.5552	2	2	0
Extension Cable for remote control	38.6207	2	11	6

DIATAKT

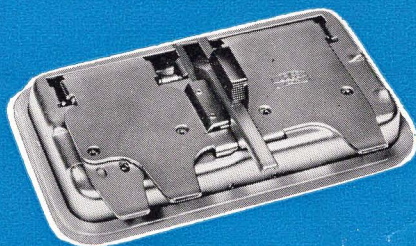
The DIATAKT is a control unit for operating the Ikmat or any automatic slide projector in conjunction with a tape recorder. It enables the projection of a series of slides with pre-determined intervals to the accompaniment of music and/or your own commentary.

For all voltages from 110 to 240 AC. 38.4002 25 7 0

FILM SPLICER

8 mm. and 16 mm.

This popular splicer is a small handy instrument that serves for splicing both 8 mm. and 16 mm. film. The splicing is always done near a perforation. Therefore the splice is invisible during projection. Built-in cutter and scraper.

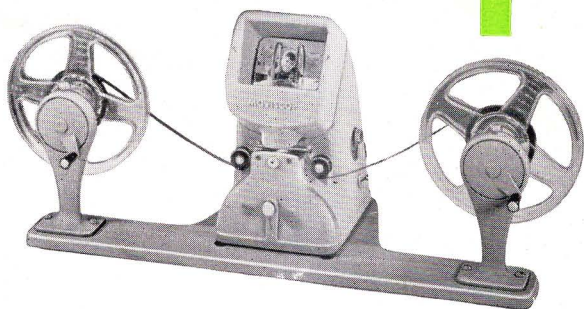


	Code No.	£	s.	d.
ZEISS IKON FILM SPLICER	36.5600	3	15	6
BASEBOARD for Splicer for fitting to the Moviscop ..	36.5601	13	0	



moviscop

This small illustration shows the Moviscop in use. The length of the baseboard is 23" and the projector height 10½". Weight of Moviscop without reels is approximately 10 lb.



The MOVISCOP is essentially a small projector giving a brilliant picture on a screen 3¼" x 2¼" and can be viewed by ordinary room lighting. An optical rotating prism of special construction is employed to provide animation.

The film may be run backwards or forwards without changing reels, it can be stopped at any point you wish and a mark can be made on the film at the places to be cut, by the built-in notching device. The right-hand winder is geared to give approximate picture sequence to normal projection when viewing, the left-hand winder is geared high to speed up rewinding.

Make editing an enjoyable pastime—equip yourself like so many Film Studios and Cine Laboratories have done throughout the world—with a MOVISCOP!

Takes reels up to 400 ft. 8 mm., 800 ft. 16 mm.

Transformer built-in: 110 to 240 volts A.C. working voltage.

		£	s.	d.
MOVISCOP No. 36.2011 for 8 mm.	— complete with lamp, rewinder and	43	4	0
MOVISCOP No. 36.2511 for 16 mm.	— base, but without reels	43	18	6
Replacement Lamp Al/165 (25V 25 watts)	.. .. .	12	6	

IKOPHOT

RAPID

THE IKOPHOT is the amateur's most desirable exposure meter and embodies Zeiss Ikon's 30 years' research into and know-how of exposure problems. One measuring scale only with a new type follow up indicator. The index mark (o) is adjusted until it bisects the sensitive needle. Then the exposure is read off instantly at any aperture or emulsion speed.

Scales for ASA/BSI and DIN emulsion speeds.

Exposure times from 60 secs. to 1/1,000. Sensitivity ratio 1 to 60,000.

Scales with shutter speeds, light value numbers and cine film running speeds. All legible.

One hand manipulation. No calculations. Especially suitable for colour work.

Acceptance angle computed for lenses of normal focal length.

The design is artistic and the finish beautiful—cream and gilt.

Hermetically sealed—climate, dust proof and shock resistant.



The Cost includes a stiff, rich brown leather Ever Ready case in which is fitted the filter for incident light readings and a safety gilded snake carrying chain .. 20.2402 £9 9 2

Optically and mechanically the finest that modern science and technology can produce a Zeiss Binocular offers a life-time of reliable and outstanding service. Distant scenes and objects of interest lost to the naked eye can be observed close up and in striking detail. It gives you a front row seat at sporting events, adds immeasurably to the pleasure of touring, voyaging, nature study—and in hunting and navigating its superior optical quality is of inestimable value.

Important advantages offered by the latest Zeiss binoculars include:

Great Marginal Sharpness achieved by newly computed oculars (six lens eyepieces in the 8×30 model).

Longer Life through the use of durable corrosion resistant metals and improved sealing of central focusing models (cuff sealing).

Smaller, more compact form through the use of tele objectives consisting of two air-spaced lenses.

There is a Zeiss binocular to meet every need. Ask for the beautifully illustrated brochures giving full technical details and prices of a wide range of models by Zeiss also price list and brochure of Hensoldt Binoculars and glasses.



8 x 30

Standard model with central focusing

Magnification (M): 8 times

Objective diameter (D): 30mm

Exit pupil (P): 3.75 mm.

Twilight performance ($\sqrt{M \cdot D}$):
15.5

Field of view: 150 yds. at 1,000 yds. 8° 30'

Weight: 17½ ounces

Overall length: 3.8 inches

Price: £64 13 2
including leather case.

8 x 50B

Magnification (M): 8 times

Objective diameter (D): 50mm.

Exit pupil (P): 6.25 mm.

Twilight performance ($\sqrt{M \cdot D}$):
20

Field of view: 130 yds. at 1,000 yds. 7° 24'

Weight: approx. 37 ounces

Overall length: 5 resp.
5.3 inches

Price: £96 18 10
including leather case.



Ikoblitz 5

BOUNCE FLASH



Flash photography is easy with the Ikoblitz flash gun, thanks to the ingenious design of the new reflector which now allows the use of swivel bounced flash or direct lighting at will. Bulbs cost as little as 8d. each and the battery lasts for months. With the Ikoblitz you can take photographs at any time without natural light or usual artificial light. Even with sunlight the Ikoblitz can be very useful for illuminating shadows in those against the light pictures.

The Ikoblitz may be fitted to the carrying strap of the camera case. A pull and the Ikoblitz is withdrawn ready to slip into the shoe on top of the camera. A handy knob quickly opens the fan type reflector which gives even illumination of the field-over 50°.

An exposure calculator is engraved on the back of the gun which is most attractive in appearance yet sturdy in two-tone grey. Takes standard 15 volt deaf-aid battery (such as Ever Ready Code No. B.154, B.144 Price 2/-) which may be inserted either way up.

Supplied complete with cable and standard 3 mm. co-axial plug but without battery.

Price: Code No. 22.0002 £3 5 0

For the Zeiss Ikon Contaflex Super B Symbolica and all Contessa models a special Ikoblitz model is available which plugs into the socket on the top of the camera. No external wire being needed.

Code No. 22.0006

£3 5 0



CONSULT YOUR DEALER

