



Reflex Cameras

Icarex 35

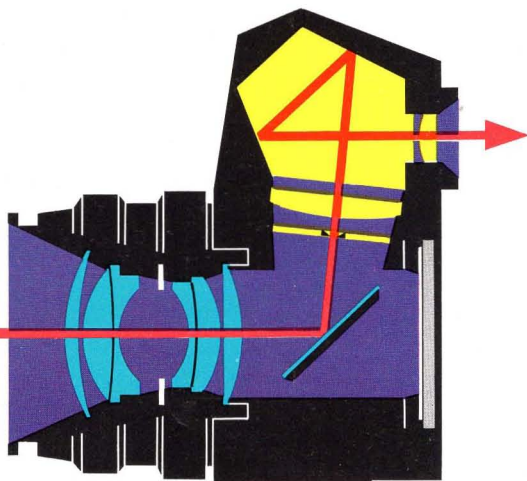
Icarex 35S

Contaflex super BC

ZEISS IKON
VOIGTLÄNDER

because the lens is so good.

With the ICAREX 35, ICAREX 35 S and CONTAFLEX SUPER BC single-lens reflex cameras you can keep on shooting pictures when others have given up trying. High-speed action shots or ingenious mood studies, wide-angle and telephoto pictures turn out perfectly with astonishing precision. Detail shots of flowers and butterflies, too, are really worthwhile subjects. Various accessories help master many special fields of photography with all three models. And you will always be delighted with the brilliance of your pictures – because the lens is so good.



Reflex Advantages

All three models have one thing in common: you see the subject through the lens. The image in the finder exactly corresponds to what the camera will take – even with interchangeable lenses and close-ups. The CdS

exposure meter also measures the light through all interchangeable lenses (CdS TTL metering). The angle of measurement is identical to the field of view. So you are sure of accurately exposed photos. And the same applies to focusing: for all interchangeable lenses the rangefinder images are adjusted in the finder. And the lenses themselves? They are of top quality! Good photography is always easy with ZEISS IKON – VOIGTLANDER reflex cameras.

Icarex 35

**A sensation in
performance and price**

If photography is your favourite hobby, if what you want is not just to preserve memories, but also to experiment and solve professional problems with your camera, then the ICAREX 35 is ideal for you! It is extremely versatile, especially in the close-up range,

and it can be adapted for true universal use.

The new finder prism with CdS TTL exposure measurement has made the ICAREX system even more efficient. It ensures absolutely exact exposure for every type of photography.



Technical Features

24 x 36 mm single-lens reflex camera • focal-plane shutter, 1/2 to 1/1000 sec. and B • selftimer • flash synchronization • big, radiantly bright finder image • interchangeable focusing screens with coupled rangefinders • interchangeable finder attachments – optionally with CdS TTL exposure metering and match-needle f-stop setting in finder • depth-of-field preview button • rapid-return mirror • rapid-wind lever • double-exposure prevention and automatic stop • film type indicator • automatic resetting of frame counter when changing films • film transport indicator • cocked shutter indicator • bayonet mount for ZEISS interchangeable lenses from 35 to 400 mm focal length • versatile accessories for close-ups, copying and photomicrography.

Waist-level finder attachment



Prism finder attachment



Interchangeable finder system

The finder of the ICAREX 35 can be quickly adapted to every situation: **Waist-level finder** with fold-out 5x magnifier. **Prism finder attachment** – ideal for moving subjects – takes rubber eyecup, eyesight correction lenses, and right-angle finder (for copying work).

For focusing:

Ground glass screen with split-image indicator – the best system for most subjects. Preview button permits judgment of depth-of-field.

Fresnel screen with fine-grain groundglass ring and split-image indicator. Remaining area stays sharp and is very bright – unbeatable for poor lighting and snapshots.

Clear glass screen with double cross-hairs for photomicrography.

CdS TTL exposure metering



Fresnel screen out of focus



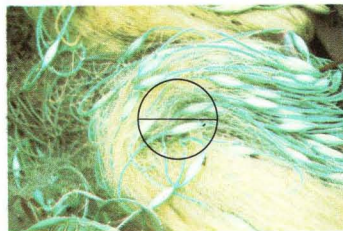
in focus



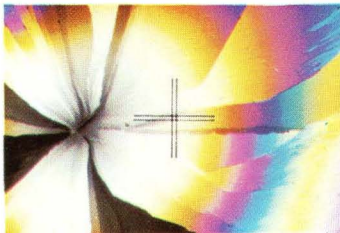
Groundglass screen out of focus



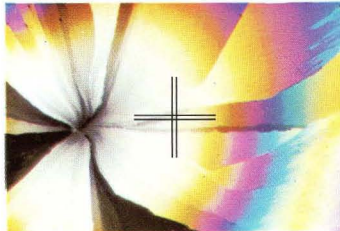
in focus



Clear glass screen out of focus



in focus



Measuring angle = angle of view! The CdS exposure meter built into this prism finder attachment gives exact measurement through all interchangeable lenses, even for close-ups. Operation is very simple: set preselected shutter speed, depress button and turn aperture setting ring on camera until the pointer in the finder is zeroed on a mark – and you are ready to shoot. The range of measurement is considerable: the lower limit for 100 ASA and f 8 is 4 sec.

Icarex 35 S

with CdS through-the-lens, match-needle exposure setting

With the ICAREX 35, with its CdS prism finder attachment, the shutter speed has to be

set separately on the exposure meter and on the camera. If you have any misgivings lest you might some time forget to do this, you should go for the ICAREX 35 S, the CdS exposure meter of which is coupled to both stop and shutter speed controls. This does of course mean

sacrificing the interchange facility of waist level and prism finders, since the prism is permanently built into the ICAREX 35 S. But the versatility conferred by the ZEISS interchangeable lenses, and the universal accessories for close-up photography remain unchanged.



new

Technical Features

24 x 36 mm single-lens reflex camera • focal-plane shutter, 1/2 to 1/1000 sec. and B • selftimer • flash synchronization • CdS TTL match-needle exposure measurement • big, radiantly bright finder image with ground glass screen and split image indicator • aperture scale in finder • exposure meter setting also on camera • depth-of-field preview button • rapid-wind lever with ready indicator coupled with battery switch-off • double and blank exposure stop • film type indicator • automatic re-setting of frame counter when film is changed • film transport indicator • ready-to-shoot indicator in finder • bayonet mount for ZEISS interchangeable lenses from 35 to 400 mm focal length • adaptable accessories for close-ups, copying and photomicrography.

Accurate focus at all ranges

With all interchangeable lenses two methods of focusing are available: a split image indicator wherein the two parts of the image are relatively displaced and – particularly advantageous in close-ups – ground glass focusing over the whole image field. The preview button permits judgement of depth of field. Also visible in the finder are the stop in use and the

pointer of the CdS exposure meter. The red warning signal in the left hand bottom corner of the finder disappears immediately the rapid film wind lever has been operated. This obviates the risk of spoiling a picture because the film has not been wound on. In the finder alone of the ICAREX 35 S there are many safeguards for successful pictures

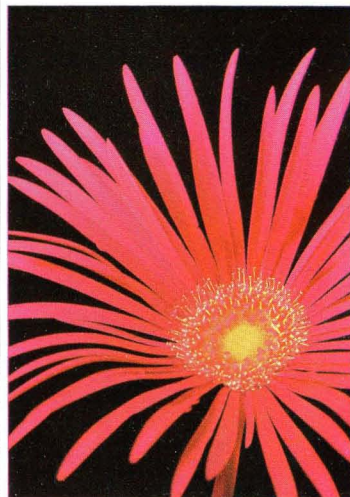
CdS TTL exposure measurement – coupled with shutter speed and stop

The CdS exposure meter of the ICAREX 35 S measures through the lens. With all interchangeable lenses, in close-ups with supplementary lenses, extension tubes or bellows attachment, the acceptance angle always agrees precisely with the field of view of the camera lens. Exposure increase factors, for example with filters or extreme close-ups, have no longer to be taken into account. Exposure errors at short working distances are eliminated because the through-the-lens system has no parallax. Operation is extremely simple. You can either preselect the shutter speed and adjust the stop, or vice versa. The drain on the battery is very low, because the circuit is only switched on when the button is depressed.



Close-ups

The ICAREX is highly suitable for close-ups. Even without supplementary lenses, the ZEISS lenses can be focused down to very short ranges. With attachments, image scales of up to 3x enlargement may be obtained. An important advantage: image framing, focusing and CdS TTL exposure metering are accurate at all ranges.



... with supplementary lenses

Their bayonet mounts fit all lenses up to 135 mm (see below). They are also very moderately priced.



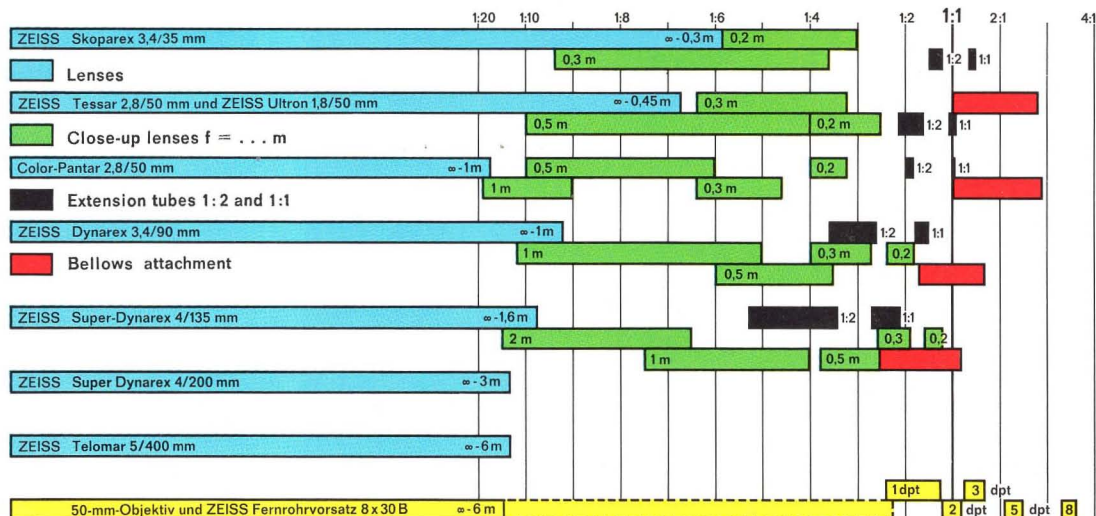
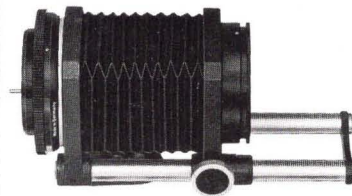
...with extension tubes

The automatic preset diaphragm of the ZEISS lenses remains operational: even for 1:2 and 1:1 image scales, e.g. for insect photography, you are ready to shoot in seconds.



... with bellows attachment

You can take pictures up to three times the natural size, revealing details invisible to the naked eye. Ideal for hobby and professional work.



50 mm lens + ZEISS monocular 8 x 30 B monocular 8 x 30 B



Contaflex super BC

with automatic exposure control and flash automation

If you look for a camera that is easy to operate, the CONTAFLEX SUPER BC is just right for you. The CdS TTL exposure meter and automatic diaphragm take care of all your worries about correct exposure. But shutter speed and f-stop can also be selected

manually to obtain special effects. Flash exposures are child's play because of the flash automation. In addition to all these advantages, this camera offers extreme versatility, especially for close-ups, thanks to interchangeable lenses and magazine backs.



Technical Features

24 x 36 mm single-lens reflex camera • Synchro-Compur shutter, 1 to 1/500 sec. and B • selftimer • flash synchronization • CdS TTL exposure meter with automatic aperture control – override for special effects • radiantly bright finder image with command panel for all settings and warning signals for unsuitable lighting • dual rangefinder – split image and groundglass ring • flash automation for standard and wide-angle lenses • rapid-wind lever • automatic stop and double-exposure prevention • film type indicator • bayonet mount for ZEISS interchangeable lenses from 35 to 115 mm focal length • Camera takes ZEISS Monocular (400 mm), interchangeable magazine backs, copying attachments and microscopes.

Command Panel in Finder

Subject framing? Focus?
Aperture and shutter speed?
Too much or too little light?
Automatic control on or off?

Camera ready for shooting? These questions are answered by a glance at the command panel in the finder of the CONTAFLEX SUPER BC. What's more, the fresnel lens gives a finder image that is bright right to the corners. With all interchangeable lenses, even for close-ups

down to life-size scale, the picture is exactly focused with the split-image finder or groundglass ring. You always have the right rangefinder for every subject. With the CONTAFLEX SUPER BC, a quick glance through the finder immediately tells you everything about all settings.

Flash Automation

No more lengthy calculations with guide numbers. You set the guide number on the camera just once. Then, when you set the distance the diaphragm is adjusted automatically. Too short or too long ranges are blocked. You can concentrate fully on catching exactly the right moment for shooting.

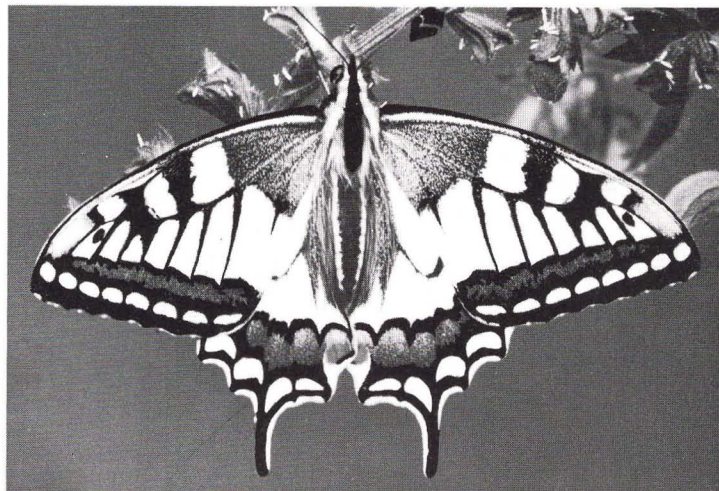
CdS TTL Light Metering

Pre-select shutter speed, focus – release. The aperture is controlled fully automatically by the CdS exposure meter. And the measuring angle is identical with the fields of view of the interchangeable lenses. The range of measurement is so big that it includes dim candlelight. And if you like, you can “de-automate” and choose any shutter speed-aperture combination you want.



Interchangeable magazine backs – each one an extra camera

One CONTAFLEX SUPER BC is as good as several cameras – thanks to the interchangeable backs. Now there is no need to miss good pictures when you find a colourful subject and have loaded black-and-white film. You can switch magazines in seconds in broad daylight. And although your film has not been fully exposed, you don't lose a single frame. Mistakes are impossible because built-in safeguards immediately check wrong moves. Their innumerable possible applications have also made interchangeable magazine backs excellent aids for scientific institutes and testing laboratories. They are ideal for amateur and professional.



Interchangeable lenses for creative composition

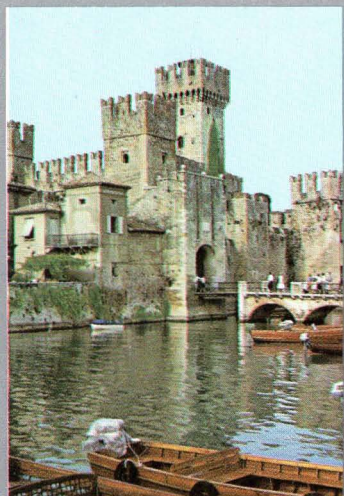
Just two applications of inter-

changeable lenses: frame-filling pictures of distant objects, extensive views from short distances. The variation of perspective and depth-of-field governed by the focal length also offers you a host of possibilities for individual, unusual compositions.

The interchangeable lenses for the ICAREX and CONTAFLEX SUPER BC are distinguished by their outstanding quality for black-and-white and colour use. Lenses can be switched rapidly thanks to the bayonet mount. For information on the types of lenses you may use with

the various camera models please see pages 14–15. **No matter what interchangeable lenses you use – simplicity and dependability of the controls always are preserved because of the CdS TTL exposure meter, the rangefinders and the reflex viewfinder system.**

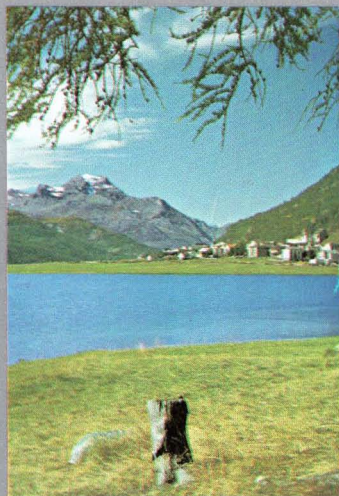
Taken with standard lens,
50 mm focal length,
47° field of view.



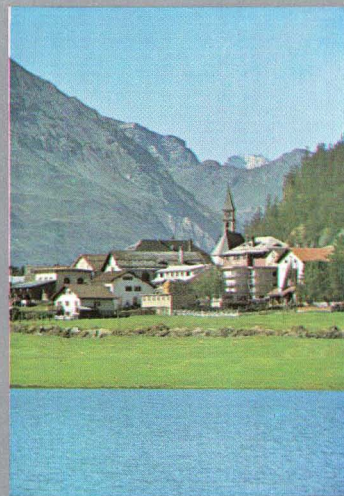
Taken with wide-angle lens,
35 mm focal length,
63° field of view.



Taken with standard lens,
50 mm focal length,
47° field of view.



Taken with telephoto lens,
200 mm focal length,
12° field of view.



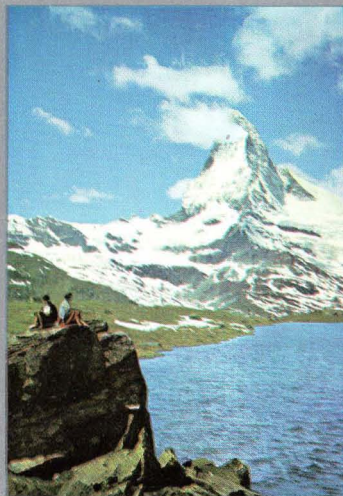
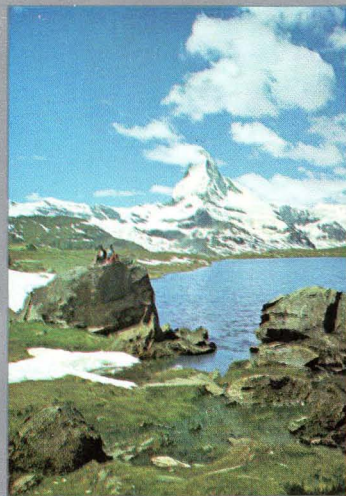
ZOOMAR f 2.8/36-82 mm

This fast lens is extremely versatile: from one and the same point of view you can take scenic views or

detail shots of distant objects, because the focal length may be adjusted continuously from 36 to 82 mm. The fields of view range from 62° to 30°, giving roughly the same coverage as would otherwise require three different lenses. The ZOOMAR may be used with the ICAREX.



ZOOMAR comparative shots photographed from the same position, left with 36 mm and right with 82 mm focal length.



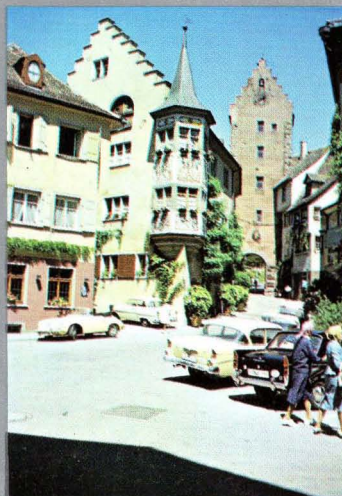
ZEISS Monocular 8 x 30 B

If used in connection with a 50 mm lens, it gives the same telephoto

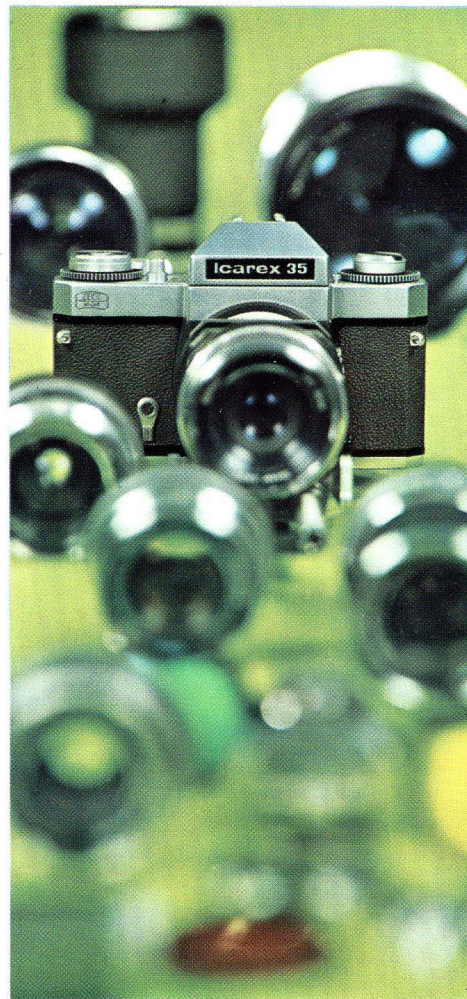
effect as a lens of 400 mm focal length (field of view 6°). On the CONTAFLEX SUPER BC the Monocular is simply screwed into the filter thread. On the ICAREX an adapter ring is required. The Monocular also is quite handy for observation purposes.



Comparative shots for ZEISS Monocular 8 x 30 B, photographed from the same position, left without and right with the Monocular.



			with leather case and lens hood, $\angle 12^\circ$	11.2003	f = 0.5	20.0848
			TELOMAR f/5, 400 mm		f = 0.3	20.0849
			with leather case and lens hood, $\angle 6^\circ$	11.2010	f = 0.2	20.0850
			Monocular 8x30 B, $\angle 6^\circ$	11.1206	Supplementary lenses for ZEISS Monocular	
			Adapter ring for Monocular	20.1644	1 diop.	20.0831
			ZOOMAR f/2.8, 36-82 mm, $\angle 62^\circ-30^\circ$	11.2012	2 diop.	20.0832
			Adapter for ZOOMAR	20.6605	3 diop.	20.0833
					5 diop.	20.0834
					8 diop.	20.0835
ICAREX 35 with waist-level finder and groundglass screen with split-image indicator with COLOR-PANTAR f/2.8, 50 mm			Viewfinder Accessories		Close-up and copying devices	
			Waist-level attachment	20.1519	Extension tube 1:1	20.1640
		10.2101	Prism attachment	20.1520	Extension tube 1:2	20.1647
			Prism attachment with CdS exposure meter	20.1521	Bellows focusing attachment	20.1630
with ZEISS TESSAR f/2.8, 50 mm		10.2102	Fresnel screen with groundglass ring and split-image indicator	20.1309	REPROPHOT	20.1853
with ZEISS ULTRON 1.8/50		10.2114	Clear glass screen with crossed hairs	20.1308	Table copying stand	20.1850
ICAREX 35 with prism and groundglass screen with split-image indicator with COLOR-PANTAR f/2.8, 50 mm			Right-angle finder attachment for prism attachment	20.1614	Lighting unit for table copying stand	20.1852
			Eyecup for prism attachment	35.0207	Adapter ring for microscope	20.1646
			Eyesight correction lenses	20.0504	Attachment head for microscope	20.1616
					Cases and carry-alls	
with ZEISS TESSAR f/2.8, 50 mm		10.2202			Eveready case	23.0016
with ZEISS ULTRON 1.8/50		10.2214			Eveready case (de luxe)	23.0013
ICAREX 35 with CdS prism and groundglass screen with split-image indicator with COLOR-PANTAR f/2.8, 50 mm			Filters, Lens Hoods and Supplementary Lenses		Universal case with room for camera, 3 additional lenses and other accessories	23.0207
			All lenses from 35 to 135 mm have B 50 mm bayonet mounts, lenses up to 90 mm have an additional S 56 mm screw mount.		Universal case - small, with room for camera, 2 additional lenses and other accessories	23.0215
			The 200 mm lens has a S 77 mm, the 400 mm lens a S 95 mm screw mount.		Shoulder strap for camera without case	23.0211
			The ZOOMAR has a 95 mm screw mount for use in conjunction with adapter.		Carrying chain for camera without case	20.5210
with ZEISS TESSAR f/2.8, 50 mm		10.2302	Filters, B 50, in yellow, green, orange, red, UV, Skylight, Ikolor-A and -B	20.1051-8	Leather case optionally for 35 to 90 mm lenses and 1 filter or 1 supplementary lens	23.1004
with ZEISS ULTRON 1.8/50		10.2314	Filters, S 77, in yellow, UV and Skylight	20.6041/5/8	Leather case for 135 mm lens, 1 filter or 1 supplementary lens	23.1005
ICAREX 35 S with COLOR-PANTAR 2.8/50			Filters, S 95, in yellow, orange and UV	20.6051/3/5	Leather case for ZEISS Monocular	23.1012
			Polarizing filter, B 50	20.1208	Leather case for ZOOMAR	23.6006
			Lens hood (flexible), S 56 for lenses up to 90 mm	20.0718	Case for waist-level or prism finder attachment	23.2006
			Lens hood for ZOOMAR, S 95	20.5752	Case for CdS prism attachment	23.2011
with COLOR-PANTAR 2.8/50		10.3301	Supplementary lenses B 50		Case for 3 filters or 3 supplementary lenses	23.2007
with ZEISS TESSAR 2.8/50		10.3302	f = 2.0	20.0846		
with ZEISS ULTRON 1.8/50		10.3314	f = 1.0	20.0847		
ZEISS Interchangeable Lenses SKOPAREX f/3.4, 35 mm, $\angle 63^\circ$						
COLOR-PANTAR f/2.8, 50 mm, $\angle 47^\circ$		11.2001				
TESSAR f/2.8, 50 mm, $\angle 47^\circ$		11.2002				
ULTRON 1.8/50 mm, $\angle 47^\circ$		11.2014				
DYNAREX f/3.4, 90 mm, $\angle 27^\circ$		11.2004				
SUPER-DYNAREX f/4, 135 mm with lens hood, $\angle 18^\circ$		11.2005				
SUPFR-DYNAREX f/4, 200 mm						



Contaflex super BC

	Cat. No.		Cat. No.
PRO-TESSAR M 1:1, with leather case	11.1204	0.2 m) with depth-of-field calculator and case	20.7070
ZEISS Monocular 8 x 30 B (f = 400 mm), $\angle 6^\circ$	11.1206	Supplementary lens (portrait) S 60 for 85 mm lens, f = 1.3 m	20.0841
Interchangeable magazine back	20.0302	Supplementary lens (portrait) S 67 for 115 mm lens f = 2.0 m)	20.0842
Tripod adapter for interchangeable magazine back	20.0203	Supplementary lenses for ZEISS Monocular	20.0831
Viewfinder Accessories		1 diop.	20.0832
Right-angle finder attachment	20.1614	2 diop.	20.0833
Eyeclip	35.0207	3 diop.	20.0834
Eyesight correction lenses	20.0504	5 diop.	20.0835
		8 diop.	
Filters, Lens Hoods and Supplementary Lenses		Copying and microscope accessories	
The 50 mm lens and the PRO-TESSAR M 1:1 have S 27 screw mounts and A 28.5 slip-on mounts, the 35 and 85 mm lenses have S 60 and the 115 mm lens S 67 screw mounts.		REPROPHOT, universal copying unit	20.1853
Filters, S 27, in yellow, green, orange, red, UV, Skylight and Ikolour-B	20.1021-5, 7, 8	Table copying stand	20.1850
CONTAPOL polarizing filter S 27	20.1200	Lighting unit for copying stand	20.1852
Filters, S 60, in yellow, green, orange, red, UV and Skylight	20.1031-5, 8	Adapter ring for microscope	20.1620
Filters, S 67, in yellow, UV and Skylight	20.1041, 5, 8	Attachment head for microscope	20.1616
Adapter ring for S 67 filters used on 35 and 85 mm lenses (S 60)	20.1643	Cases and Carry-alls	
Lens hood (flexible), S 27	20.0713	Eveready case (leather)	23.0007
Lens hood (flexible), S 60	20.0716	Universal case with room for camera, 3 lenses and other accessories	23.0206
Lens hood, S 67	20.0714	Shoulder strap for camera without case	23.0211
Supplementary lenses, A 28.5 f = 1.0 m	20.0800	Carrying chain for camera without case	20.5210
f = 0.5 m	20.0801	Lens case for 3 PRO- TESSARS, 1 interchangeable magazine back and 3 filters	23.0202
f = 0.3 m	20.0802	Leather case for 1 PRO- TESSAR and 1 filter	23.1001
f = 0.2 m	20.0803	Leather case for 2 PRO- TESSARS, 2 filters and 2 lens hoods	23.1201
f = 0.1 m, Ø S 27	20.0804	Leather case for ZEISS Monocular 8 x 30 B	23.1012
Set of supplementary lenses (f = 1.0 m, 0.5 m, 0.3 m,		Leather case for lens hood S 67	23.2003
		Case for 1 interchangeable magazine back	23.7855
		Case for 2 interchangeable magazine backs	23.0201

CONTAFLEX SUPER BC
with ZEISS TESSAR
f/2.8, 50 mm

Cat. No.

10.1273

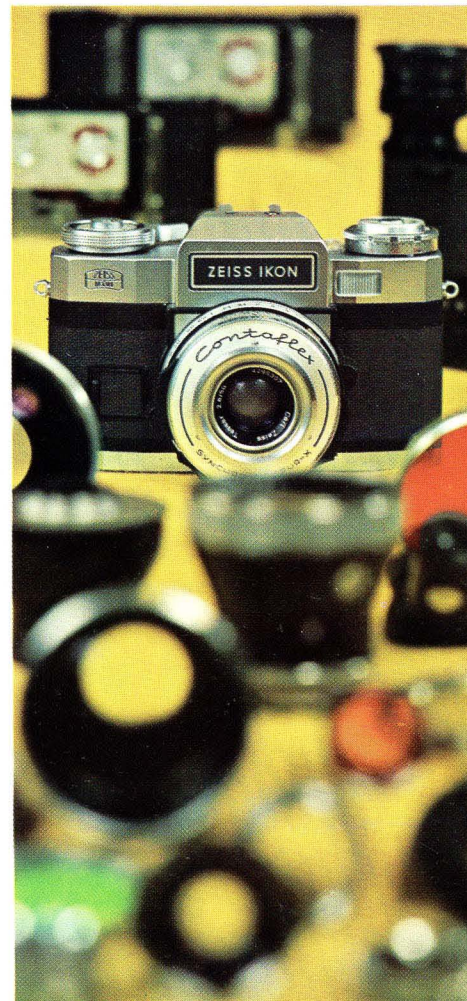
ZEISS Interchangeable Lenses

PRO-TESSAR f/3.2, 35 mm,
with case, $\angle 63^\circ$
PRO-TESSAR f/3.2, 85 mm,
with case, $\angle 29^\circ$
PRO-TESSAR f/4, 115 mm,
with case, $\angle 21^\circ$

11.1201

11.1202

11.1205



We will gladly give you a
comprehensive demonstration of
the ZEISS IKON - VOIGTLÄNDER
reflex cameras.

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ZEISS IKON
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because the lens is so good



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Author W. Kaiser

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