

TOPCON

Other products distributed by Paillard Incorporated are Hasselblad 2¼ slr cameras, lenses and accessories and Bolex Super 8 and 16mm cameras and movie projectors.

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Product specifications subject to change without notice.

Tokyo Optical Company of Tokyo is Japan's second oldest specialized manufacturer of optical goods. Its world-wide reputation for 35mm cameras, lenses and highly sophisticated instruments and apparatus is impressive, and its product line is in the hands of a satisfied clientele throughout the world.

Paillard Incorporated of Linden, New Jersey has exclusively represented the famous lines of Bolex movie equipment and the Hasselblad 2¼ single lens reflex camera system in the United States for many years. The particular care in marketing these products, which are fully backed by a professional service organization has earned Paillard an excellent reputation among professionals and amateur photographers alike.

Paillard's agreement with Topcon Optical Company of Japan to distribute their products exclusively in the United States has been entered into after careful study of the Topcon 35mm single lens reflex camera system. Paillard found that the Topcon product line is in every respect a perfect match in quality and performance to Bolex and Hasselblad. The advanced technology the sturdiness, the reliability of every Topcon camera, the availability of a full complement of precision accessories and the backing of Paillard's reputable sales and service organization guarantees both the professional and amateur user satisfaction and performance.

The following pages will introduce the Topcon system of 35mm photography. Please feel free to contact either Paillard directly or one of its many Topcon specialized photo dealers throughout the country if you have additional questions. Paillard and its dealer organization are ready to serve you.



The Topcon Supreme is part of a 35mm slr system that is complete. It has everything the demanding photographer needs.

The Topcon Supreme is known as the motor camera because the auto winder motor drive is not just another accessory but part of the camera design. It lets you take a picture every $\frac{1}{2}$ second with the rugged Super DM

The standard lens is a fast Topcor 50mm f/1.4 that is multi-coated and has a built-in GN (guide number for flash) system. The camera can shoot 1/1000 second.

A unique CdS light metering system measures the light on the back of the mirror through tiny slits that give superb accu-

racy. This patented Mirror-Meter has been designed to automatically balance for high and low levels of light. The slit pattern on the mirror gives an ideal average reading for the full picture area. The image is reflected up to the CC Pentaprism finder for bright picture composition and focusing.

The system that backs up the Topcon Supreme has 20 lenses, macro accessories, four viewfinders, nine focusing screens, bulk film magazines, motors, filters, lens hoods, cases and more.

By using the UV adapter mount (#83530) a photographer can put all the UV Topcor lenses (for the Topcon IC-1 on his Super DM camera.



Topcon Supreme I
#80000

Super DM w/CC Pentaprism finder 50mm
f/1.4, lens hood, auto winder



Topcon Super DM
#80020

Super DM w/Standard Pentaprism, 50mm
f/1.8, lens hood



Topcon Supreme II
#80004

Super DM w/CC Pentaprism finder 50mm
f/1.8, lens hood, auto winder



Topcon Super DM
#80050

Body only w/CC Pentaprism finder



Topcon Super DM
#80010

Super DM w/CC Pentaprism finder 50mm
f/1.4, lens hood



Topcon Super DM
#80060

Body only w/Standard Pentaprism



**Topcon IC-1w/50mm f/20 lens,
and Eveready case**

#80100

Topcon IC-1, Body only

#80105

The standard lens for the Topcon IC-1 is a six-element Hi Topcor lens with a 47° angle-of-view and a 49mm screw-in filter mount. The IC-1's modern, solid state, electronically controlled shutter means accurate exposure every time. Has shutter priority automatic exposure system with manual override. Through-the-lens metering center-weighted readings made at full aperture. F/2 to f/22 openings. Focal plane shutter UV bayonet mount. 1 to 1/500 shutter speed plus Bulb. X-synched flash. Fixed

Pentaprism finder. Microprism focusing spot with ground glass. Aperture scale in finder with warning areas. ASA 25 to 3200. Auto settings from 1/15 to 1/500 second. By using the accessory RE Macro Mount Adapter #83734) all RE Topcor lenses plus the following accessories can be used on the IC-1: model IV bellows #83010) extension tube set #83050) double cable release #83070) slide copying attachment model II (#83030) macro-stage attachment #83020) microscope attachment model III #83150) reverse adapter ring (#83100 and #83110). This opens up whole new areas of photography to the IC-1 user.



**Box Case f/Supreme I & II
#80410**

Hard case. Holds Super DM w/auto winder lens and finder. Additional space provided for film and small accessories.



**Body Cap f/Super DM
#82400**

**Body Cap f/IC-1
#82410**

The body cap should be placed over the lens mount opening to protect the interior of the camera whenever the lens is removed for some time.



**Eveready Case f/Super DM
#80400**



**Eveready Case f/IC-1 w/50mm lens
#80420**

Lenses for Super DM

All automatic Topcor lenses marked "RE" are individually matched to the meter for precise and accurate light measuring without the necessity of manual adjustment.

All Topcor RE lenses have a Topcon (Exakta) bayonet mount.

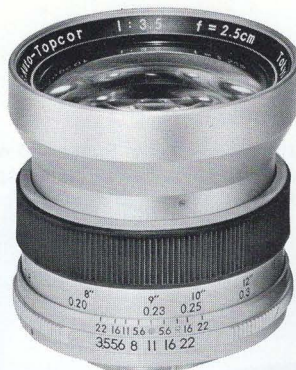
There are 26 Topcor lenses of the finest optical design ranging from the extreme wide angle 20mm to the long 500mm telephoto.



RE Auto Topcor 20mm f/4.0 w/lens hood, leather case #80530

This lightweight, extreme wide angle lens has a minimum of distortion. The optical formula is of radical retro-focus design. It has a special, adjustable metal masked lens shade that clamps onto the lens. The lens can be used without mirror lock-up. Exposure measurement and focusing are done at full aperture.

Max. effect. aperture	f/4.0
Focal length	20mm
Angle-of-view	94°
# of elements	8
Diaphragm	automatic
Filter size	62mm
Weight	7½ oz. (215 g)
Minimum focus	1 ft.



RE Auto Topcor 25mm f/3.5 w/UV filter lens hood, leather case #80540

This extreme wide angle lens comes with rear element UV filter that forms an optical component of the lens and must be kept in place unless, of course, it has been replaced with another filter

Max. effect. aperture	f/3.5
Focal length	25mm
Angle-of-view	82°
# of elements	7
Diaphragm	automatic
Filter size	special bayonet
Weight	11¼ oz. (320 g)
Minimum focus	6.5 in.



RE Auto Topcor 28mm f/2.8 w/lens hood, leather case #80550

This extreme wide angle lens can be used without mirror lock-up. Exposure measurement and focusing are done at full aperture.

Max. effect. aperture	f/2.8
Focal length	28mm
Angle-of-view	75°
# of elements	7
Diaphragm	automatic
Filter size	49mm
Weight	11 oz. (310 g)
Minimum focus	1 ft.



RE Auto Topcor 35mm f/2.8 w/lens hood, leather case #80560

This fast wide angle lens can be used without mirror lock-up. The lens hood reverses leave in for easy storage. Exposure measurement and focusing are both done at full aperture. Lens hood has bayonet mount.

Max. effect. aperture	f/2.8
Focal length	35mm
Angle-of-view	63°
# of elements	7
Diaphragm	automatic
Filter size	49mm
Weight	8.8 oz. (250 g)
Minimum focus	9 in.

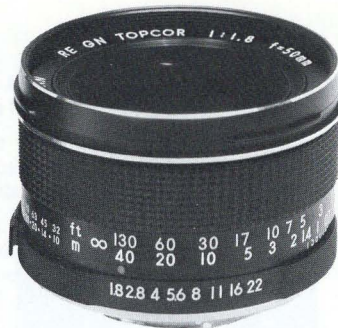


**RE GN Topcor M 50mm f/1.4 w/lens hood
#80500**

This standard lens for the Topcon Super DM is a modified Gauss type lens with automatic instant opening lens diaphragm internally coupled to the built-in exposure meter. Viewing, focusing and metering are always done with lens wide open. Lens is multi-coated for anti-reflection. Exaggerated cam action focusing makes focusing rapid, yet precise.

GN (guide number) engraved on the lens barrel means that the distance scale of the lens can be locked to an appropriate guide number when flash is used. Lens then automatically adjusts to proper f/stop after photographer has set the distance from the subject.

Max. effect. aperture	f/1.4
Focal length	50mm
Angle-of-view	45°
# of elements	7
Diaphragm	automatic
Filter size	62mm
Weight	13 oz. (350 g)
Minimum focus	1.3 ft.



**RE GN Topcor 50mm f/1.8 w/lens hood
#80510**

Optional standard lens for Topcon Super DM is a Gauss type lens with fully automatic, instant opening lens diaphragm internally coupled to the built-in exposure meter. Viewing, focusing and metering are always done with lens wide open. Exaggerated cam action focusing makes focusing rapid, yet precise.

GN (guide number) engraved on the lens barrel means that the distance scale of the lens can be locked to an appropriate guide number when flash is used. Lens then automatically adjusts to proper f/stop after photographer has set the distance from the subject.

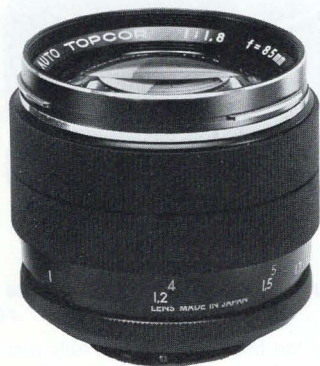
Max. effect. aperture	f/1.8
Focal length	50mm
Angle-of-view	45°
# of elements	6
Diaphragm	automatic
Filter size	62mm
Weight	10 oz. (290 g)
Minimum focus	1.3 ft.



**RE Auto Topcor 58mm f/1.4 w/lens hood
#80515**

One of the finest and fastest fully automatic optics in this focal length available. Focusing and exposure measurement are made at full aperture. Bayonet lens hood mount.

Max. effect. aperture	f/1.4
Focal length	58mm
Angle-of-view	41°
# of elements	7
Diaphragm	automatic
Filter size	62mm
Weight	11 oz. (300 g)
Minimum focus	18 in.



RE Auto Topcor 85mm f/1.8 w/lens hood, leather case #80570

This extremely fast yet compact lens is ideally suited for portrait work, even in available light. Focusing and exposure measurement are done at full aperture.

Max. effect. aperture	f/1.8
Focal length	85mm
Angle-of-view	28.5°
# of elements	6
Diaphragm	Automatic
Filter size	62mm
Weight	14¾ oz. (420 g)
Minimum focus	3 ft.



RE Auto Topcor 135mm f/3.5 w/built-in lens hood, leather case #80590

This is a lightweight, compact telephoto lens that is easily hand-held. The push-back lens shade telescopes over the lens. Exposure measurement and focusing are done at full aperture.

Max. effect. aperture	f/3.5
Focal length	135mm
Angle-of-view	18°
# of elements	4
Diaphragm	automatic
Filter size	49mm
Weight	14½ oz. (400 g)
Minimum focus	4 ft.

RE Auto Topcor 100mm f/2.8 w/lens hood, leather case #80580

This 100mm Topcor is an extremely light and compact telephoto with a very fast maximum aperture. This lens has a 2X magnification of the standard lens. Focusing and exposure measurement are made at full aperture. The lens hood stores reversed over the lens. Lens hood has bayonet mount.

Max. effect. aperture	f/2.8
Focal length	100mm
Angle-of-view	24.5°
# of elements	5
Diaphragm	automatic
Filter size	49mm
Weight	10 oz. (280 g)
Minimum focus	4 ft.



RE Auto Topcor 200mm f/5.6 w/built-in lens hood, leather case #80600

This 4 power compact, lightweight telephoto lens has good holding balance. It has a push-back lens shade that telescopes over the lens. Importantly the filter size (49mm) is the same as most other Topcor lenses. Focusing and exposure measurement are done at full aperture.

Max. effect. aperture	f/5.6
Focal length	200mm
Angle-of-view	12°
# of elements	5
Diaphragm	automatic
Filter size	49mm
Weight	16¼ oz. (460 g)
Minimum focus	10 ft.



RE Auto Topcor 300mm f/5.6 w/built-in lens hood, leather case #80610

This 6 power automatic telephoto lens focuses and makes exposure measurements at full aperture.

Max. effect. aperture	f/5.6
Focal length	300mm
Angle-of-view	8°
# of elements	4
Diaphragm	automatic
Filter size	62mm
Weight	26½ oz. (750 g)
Minimum focus	15 ft.



RE Zoom Auto Topcor 87-205mm f/4.7 w/built-in lens hood, close-up lens, leather case #80630

This Topcor zoom lens combines the most popular telephoto ranges in its zoom ratio and closely approaches the high quality performance of fixed focal length lenses. It has a tripod socket with vertical to horizontal collar with click-stop alignment for rapid positioning. Focusing and exposure measurement are made at full aperture. A screw-in close-up attachment lens is supplied with the lens and permits close-ups from 4½ ft. to 8 ft. The lens has a telescoping lens hood.

Max. effect. aperture	f/4.7
Focal length	87-205mm
Angle-of-view	28° to 12°
# of elements	13
Diaphragm	automatic
Filter size	58mm
Weight	1½ lbs. (710 g)
Minimum focus	9 ft.



**RE Auto Topcor 500mm f/5.6 w/UV filter,
built-in lens hood, leather case #80620**

This telephoto is very fast for a 500mm lens and has good resolving power and superior image reproduction quality even at maximum aperture. Has 10 power magnification. Equipped with push-in filter in a slot and telescoping lens hood mount. Focusing and exposure measurement are made at full aperture.

Max. effect. aperture	f/5.6
Focal length	500mm
Angle-of-view	5°
# of elements	5
Diaphragm	automatic
Filter size	special, f/filter slot
Weight	4.6 lbs. (2, 100 g)
Minimum focus	20 ft.



R Topcor 300mm f/2.8 w/UV filter built-in lens hood leather case #80640

This amazingly fast 300mm f/2.8 lens is a Topcon first: It does not require special mirror control on camera body or special optical viewfinder. It is the only 300mm f/2.8 lens that permits reflex viewing and focusing. It is a 6 power lens and has a tripod socket. It comes with a UV filter already inserted in the slot of the lens. The UV filter forms an optical component of the lens and must remain in the lens to keep out stray light (unless, of course, it is replaced with another filter). Telescoping lens hood slides back over the lens for easy storage. Stop-down exposure measurement.

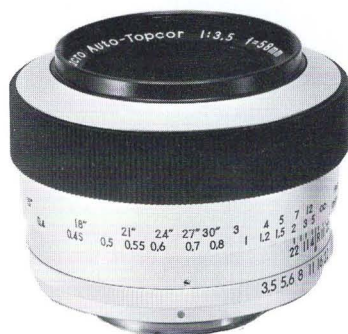
Max. effect. aperture	f/2.8
Focal length	300mm
Angle-of-view	8°
# of elements	5
Diaphragm	pre-set
Filter size	special f/filter slot
Weight	7½ lbs. (3,300 g)
Minimum focus	15 ft.

R Topcor 300mm f/5.6 w/built-in lens hood, leather case #80650

This short, lightweight optic is very easy to hand hold. It is designed for stop-down exposure measurement and has pre-set diaphragm control. Built-in lens hood telescope over the lens for easy storage.

Max. effect. aperture	f/5.6
Focal length	300mm
Angle-of-view	8°
# of elements	4
Diaphragm	pre-set
Filter size	62mm
Weight	26 oz. (740 g)
Minimum focus	15 ft.





RE Macro Auto Topcor 58mm f/3.5 w/leather case #80660

This lens has been specially designed to give optimum lens performance at close focusing distances and in macrophotography. This five-element type lens will give distortion-free images of the highest resolution, with full illumination from edge to edge and with best results obtained at the 0.1x magnification. It equals standard lens performance at infinity. Life-size (or 0.5x to 1x) magnification can be obtained by using the auto ring (#83520). Because the lens has a 49mm screw-in filter mount, standard filters can be used.

Can be used with model IV bellows (#83010) and reverse adapter ring (#83100).

Max. effect. aperture	f/3.5
Focal length	58mm
Angle-of-view	41°
# of elements	5
Diaphragm	automatic
Filter size	49mm
Weight	9 oz. (260 g)



Macro Topcor 58mm f/3.5 w/leather case #80680

This optic is designed to give optimum lens performance at close focusing distance and produce best results at magnification of 0.1x. It equals the standard lens at infinity. Focusing is from infinity to 1:0.5 (w/variable extension tube #83090) or infinity to 1:2.5 (w/model IV bellows #83010) with semi-automatic diaphragm action when used with the double cable release (#83070). Also can be used for general shooting, enlarging or projection. Has semi-automatic diaphragm release button for aperture control when not coupled to camera.

This lens does not have a focusing ring and is designed for attachment to the variable extension tube or for the bellows attachment IV.

Max. effect. aperture	f/3.5
Focal length	58mm
Angle-of-view	41°
# of elements	5
Diaphragm	semi-automatic
Filter size	49mm
Weight	4 oz. (120 g)



UV Mount Adapter #83530

The UV mount adapter makes it possible to use lenses and accessories developed exclusively for the Topcon UV bayonet mount camera (IC-1 on the Super DM camera).

Macro Topcor 30mm f/3.5 w/MT1, MT2 adapters, wooden case #80670

This very special optic is computed for macrophotography from 2x to 12x magnification and is designed for maximum resolution at 3x to 5x magnification. Has special screw mount permitting interchange with microscope objective and use of microscope as variable focusing connector. Supplied with special bayonet mount adapter for use with other Topcon bayonet mount accessories. Focusing is from 2x to 3x magnification with variable extension tube (#83090) and 2x to 12x with model IV bellows (#83010). Stop-down exposure measurement.

Max. effect. aperture	f/3.5
Focal length	30mm
Angle-of-view	70°
# of elements	6
Diaphragm	pre-set
Filter size	22.5mm
Weight	1.8 oz. (52 g)



Macro Topcor 135mm f/4.0 w/leather case #80690

This lens gives best results when used at magnification of 1x to 8x. However it also gives excellent results when used for general photography with variable extension tube (#83090). In this case, range is from infinity to 0.2x magnification. Range increases from infinity to 1 1x with model IV bellows (#83010). Stop down exposure measurement, however the diaphragm is semi-automatic when used with double cable release (#83070).

Max. effect. aperture	f/4.0
Focal length	135mm
Angle-of-view	18°
# of elements	3
Diaphragm	semi-automatic
Filter size	49mm
Weight	9 oz. (268 g)

Lenses for IC-1

Each lens in the IC-1 system (and there are 6) has a UV (ultraviolet) absorption characteristic. Each lens has automatic diaphragm control and bayonet mount designed for the IC-1 body



UV Topcor 28mm f/4.0 w/lens hood and leather case #80750

This extreme wide angle lens for the Topcon IC-1 provides exposure measurement and focusing at full aperture and is coupled to the automatic exposure system. Lens hood mount is screw-in.

Max. effect. aperture	f/4
Focal length	28mm
Angle-of-view	75°
# of elements	6
Diaphragm	automatic
Filter size	49mm
Weight	6 oz. (170 g)
Minimum focus	15 in.



UV Topcor 35mm f/3.5 w/lens hood and leather case #80760

This is the standard wide angle lens for the Topcon IC-1. Both focusing and exposure measurement are done at full aperture. Has screw-in lens hood mount.

Max. effect. aperture	f/3.5
Focal length	35mm
Angle-of-view	63°
# of elements	6
Diaphragm	automatic
Filter size	49mm
Weight	5½ oz. (160 g)
Minimum focus	15 in.



HI Topcor 50mm f/2 (no hood, no case) #80765

This is the standard lens supplied with the IC-1 camera. The front element is deeply recessed, eliminating the need for a lens hood.

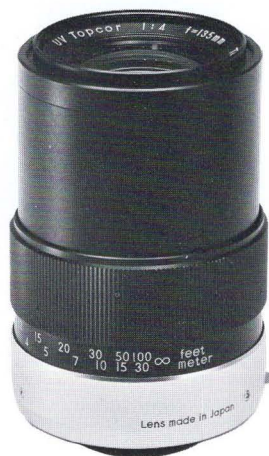
Max. aperture	f/2
Focal length	50mm
Angle-of-view	47°
# of elements	6
Diaphragm	automatic
Filter size	49mm
Weight	5 oz. (142 g)
Minimum focus	2 ft.



UV Topcor 100mm f/4.0 w/lens hood and leather case #80770

This lens has 2X magnification of the standard Topcor lens for the IC-1. It is well suited for portrait work. Focusing and exposure measurements are done at full aperture. Has screw-in lens hood mount.

Max. effect. aperture	f/4
Focal length	100mm
Angle-of-view	24°
# of elements	5
Diaphragm	automatic
Filter size	49mm
Weight	7½ oz. (220 g)
Minimum focus	5 ft.



UV Topcor 135mm f/4.0 w/built-in hood and leather case #80780

One of the telephoto lenses that is part of the IC-1 system. Can be hand held with steadiness and ease. Exposure measurement and focusing made at full aperture. Lens hood is built-in and telescopes over the lens.

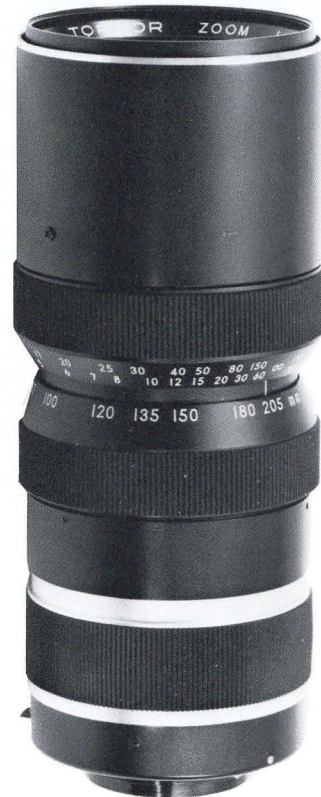
Max. effect. aperture	f/4
Focal length	135mm
Angle-of-view	18°
# of elements	5
Diaphragm	automatic
Filter size	49mm
Weight	11 oz. (305 g)
Minimum focus	6 ft.



UV Topcor 200mm f/4.0 w/built-in hood and leather case. #80790

This telephoto lens gives the IC-1 photographer the opportunity to do sports and wildlife photography. It is the longest focal length prime lens in the IC-1 system. Focuses and makes exposure measurements at full aperture. Has built-in, telescoping lens hood.

Max. effect. aperture	f/4
Focal length	200mm
Angle-of-view	12°
# of elements	6
Diaphragm	automatic
Filter size	67mm
Weight	17 oz. (520 g)
Minimum focus	20 ft.



Hi Topcor 87-205mm f/4.7 (for IC-1 only) w/built-in lens hood, leather case #80795

This Topcor zoom lens combines the most popular telephoto ranges in its zoom ratios and closely approaches the high quality performance of fixed focal length lenses. Focusing and exposure measurement are made at full aperture. The lens has a telescoping lens hood. A screw-in close-up lens is available as an optional extra and permits close-ups from 4½' to 8' #82110)

Max. effect. aperture	f/4.7
Focal length	87-205mm
Angle-of-view	28° to 12°
# of elements	13
Diaphragm	automatic
Filter size	58mm
Weight	1½ lbs. (710 g)
Minimum focus	9 ft.



2X Auto Tele Converter #83736

This three-element tele converter is designed for use with the UV Topcor 100mm (#80770), 135mm (#80780) and 200mm (#80790) telephoto lenses and extends these lenses 2X. There is no loss of automatic exposure operations or full aperture exposure measurement when the tele converter is used between the lens and camera body.



Eyepiece adapter f/IC-1 #83700

Adapter is slipped onto the finder eyepiece frame for using the magnifier (#83000) and the angle viewfinder (#83170). It permits these accessories to be flipped up for normal view focusing.



RE Macro Mount Adapter #83734

When the RE macro mount adapter is attached to the Topcon IC-1, all the RE Auto Topcor RE Macro Auto Topcor and RE Macro Topcor lenses can be used on the IC-1. Since the RE macro mount adapter introduces a slight lens extension, the RE lenses will not focus at infinity when this mount is used. In addition the following accessories can be used on the IC-1 when it is equipped with the RE macro mount adapter: model IV bellows (#83010) extension tube set (#83050) variable extension tube w/leather case (#83090) automatic extension tube (#83060) double cable release (#83070) model II slide copying attachment (#83030) macrostage attachment (#83020) model III microscope attachment (#83150) reverse adapter ring (#83100) (#83110).



Microscope Attachment Model U/IC-1 #83710

This microscope attachment connects the camera body to microscope in photomicrography. Gives up to 400x magnification. Suitable for focusing-stage microscope with drawtube of 25mm outer diameter and 10x ocular.



Telescope Adapter Set "T" Ring #83720 #83730

The adapter set is a five ring set for connecting camera body to telescope in astrophotography. IC-1 can be directly connected to telescopes with drawtubes of 30.2mm and 36.2mm. Others must use "T" mount adapter (#83730).

Lens Hoods

Lens hoods are recommended for against-the-light shots and artificial illumination shots because they help eliminate stray light that might cause flare or ghost images. The lens hood protects the lens surface from rain or snow and, to some degree, against damage.

Topcon lens hoods come in four types, depending on the lens:

Outside bayonet mount—is placed over the outside bayonet mount and turned until securely fixed. The bayonet mount lens hood can be reversed on the lens barrel for storage in the Eveready case.

Screw-in type—is screwed in until firmly attached.

Built-in type (telescopic hood) is part of the lens and is pulled out for use. The RE 135mm and all other long Topcor lenses have built-in telescopic hoods.

Push-on type—is attached by pushing it on over the lens flange and fixing it with the screw on its side.

Lens Hoods for Topcor Lenses

f/GN Topcor 50mm f/1.4 and f/1.8
#82000

f/RE Auto Topcor 58mm f/1.4
#82004

f/RE Auto Topcor 58mm f/1.8
#82008

f/RE Auto Topcor 35mm f/2.8
#82012

f/RE Auto Topcor 100mm f/2.8
#82016

f/RE Auto Topcor 20mm f/4.0
#82020

f/RE Auto Topcor 25mm f/3.5
#82024

f/RE Auto Topcor 28mm f/2.8
#82028

Lens Hoods for UV Topcor Lenses

f/UV Topcor 53mm f/2 w/case or
UV Topcor 35mm f/3.5
#82040

f/UV Topcor 50mm f/2.0
#82044

f/UV Topcor 28mm f/4.0
#82048

f/UV Topcor 100mm f/4.0
#82052

f/UV Topcor 135mm f/4.0
#82054

Topcon Lens Caps

Front Cap 49mm f/DM and IC-1
#83800

Front Cap 62mm f/DM and IC-1
#83801

Rear Cap RE f/DM only
#83802

Rear Cap UV and HI f/IC-1 only
#83803

Body Cap RE f/DM only
#82400

Body Cap UV and HI f/IC-1 only
#82410

Other Lens Caps (special diameter)
are available from PARTS DEPART
MENT

Filter Kit f/RE-AT 25mm f/3.5
(Y1, Y2, O2, YG, Skylight, Cloudy,
Morning & Evening, Flash, Flood)
#82290



Eyepiece Correction Lenses

All eyepiece correction lenses screw directly into the eyepiece of the CC Pentaprism finder (#83400) Angle viewfinder (#83170) and standard Pentaprism (#83405) for adjustment of finders to individual eyesight. They also hold the regular eyecup securely when screwed in.

Eyepiece Correction Diopter Lens —3D (No. 1) #83200

Eyepiece Correction Diopter Lens —2D (No. 2) #83205

Eyepiece Correction Diopter Lens —1.5D #83210

Eyepiece Correction Diopter Lens OD (No. 3) #83215

Eyepiece Correction Diopter Lens +1D (No. 4) #83220

Eyepiece Correction Diopter Lens +2D (No. 5) #83225

Eyepiece Correction Diopter Lens +3D (No. 6) #83230



Rubber Eyepiece Hood— Model III #83080

The eyepiece hood is attached to the eyepiece adapter #83445 the standard Pentaprism (#83405) the CC Pentaprism finder (#83400) the high magnification waist-level finder (#83420) or the angle viewfinder (#82170) for fixing the distance between the user's eye and the eyepiece and for eliminating distracting light to make focusing easier and faster. It is shaped to the contour of the face and may be used both vertically and horizontally.



Magnifier

#83000

Is screwed into the eyepiece of the Pentaprism #83405 the CC Pentaprism (#83400) or eyepiece adapter (#83445 or #83450) and enlarges the field-of-view 2.5X for greater precision in critical focusing. May also be attached to the eyepiece of the high magnification waist level finder (#83420) to provide 16¼ power for extremely critical focusing of center portion of the frame. Can be attached to the angle viewfinder (#83170). Has an adjustable eyepiece for providing dioptric corrections.



Eyepiece Adapter f/Super DM

#83450

#83445

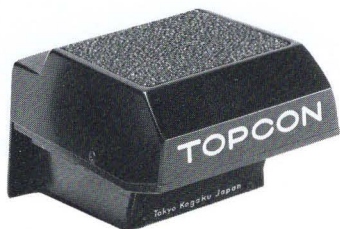
This adapter is slipped into the eyepiece frame slots for attachments of angle viewfinder (#83170) magnifier #83000) or eyepiece correction lenses (#83200 through #83230). Eyepiece adapter permits accessories to be flipped out of the way temporarily for viewing the entire field-of-view. Eyepiece adapter #83445 is for standard Pentaprism (#83405). An eyepiece adapter (#83450) is also available for the CC Pentaprism finder #83400).



Angle Viewfinder

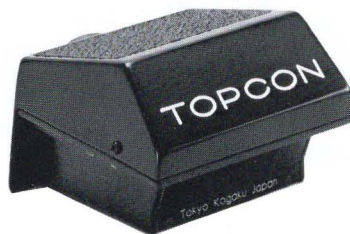
#83170

This viewfinder is screwed directly to the screw mount of the CC Pentaprism finder (#83400) or the standard Pentaprism (#83405) finder eyepiece or to the eyepiece adapter #83445) or #83450). An upright reflex-type view of the entire field is seen in the Pentaprism or the CC Pentaprism finder. Especially valuable for low angle shots. May be rotated 360° around the optical axis. Eyepiece end accepts eyepiece diopter correction lens (#83200 through #83230) magnifier #83000) and eyecup (#83080).



**CC (Control Center)
Pentaprism Finder** #83400

The CC finder is instantly interchangeable with other finders and locks securely and easily into its proper position. It features the same right-side-up, laterally-correct image moving in the same direction as the actual subject as the Pentaprism #83405) plus it shows the f/stop and light measuring needle indicator in the viewfinder. The CC Pentaprism finder will accept diopter correction eyepieces (#83200 #83205 #83210 #83215 #83220 #83225 #83230) angle view finder (#83170) 2½ power magnifier (#83000). Can be exchanged for standard waist-level finder (#83410) or the high magnification waist-level finder (#83420) or standard Pentaprism (#83405).



Standard Pentaprism Finder #83405

This finder is instantly interchangeable with other finders and the CC Pentaprism Finder #83405) and locks securely and easily in place. This finder permits eye-level view-focusing of a right-side-up, laterally correct image, moving in the same direction as the actual subject. It can be exchanged for the standard waist-level finder (#83410) the high magnification waist level finder #83420) or the CC Pentaprism finder #83400).



Waist-level Finder #83410

This finder is interchangeable with the standard Pentaprism (#83405) and the CC Pentaprism finder #83400) and is valuable for waist level and low level photography and for shots with unusual angles. Flip-up rectangular magnifier shows corner-to-corner focusing screen area.



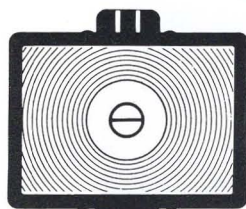
**High Magnification Waist-Level Finder
(w/case)** #83420

Specially designed for super-critical focusing in photomicrography with #3 #83484) or #6 #83492) focusing screens. Used in macrophotography and with telephoto lenses because it enlarges full focusing area 6.5x and has an adjustable eyepiece for providing dioptic corrections. Magnifier (#83000) enlarges the central area of the field-of-view 16x when attached to the eyepiece for even greater focusing precision.

**Focusing Screen #1
(split image)**

#83480

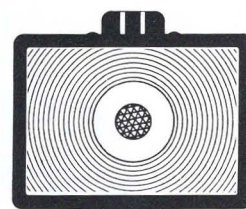
3mm diameter split image rangefinder spot; fine focusing ring; full area ground glass, plus fresnel lens outside of the 12mm diameter central spot. Supplied as standard screen. Not recommended for long distance shots, for long focal length lenses, small lens openings and macrophotography



**Focusing Screen #5A
(micro prism)**

#83490

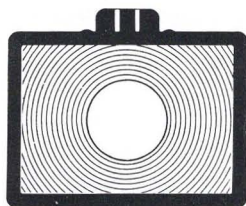
5mm diameter micro prism focusing spot and fine ring surrounded by full area ground glass, plus fresnel lens. For general photography use with f/5.6 lens opening.



**Focusing Screen #2
(ground glass)**

#83482

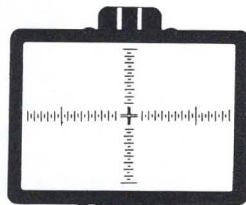
12mm diameter fine focus spot; full area ground glass plus fresnel lens outside the 12mm spot. For general use, especially with long focal length lenses, for macrophotography and copy work or whenever small lens openings are used. Not recommended for wide angle lenses.



**Focusing Screen #6
(bisecting scales)**

#83492

Clear glass screen with bisecting scales of 0.5mm divisions and with central double cross hairs. Use with high magnification waist-level finder and/or magnifier. Recommended for photomicrography. Aerial image focusing.



**Focusing Screen #3
(cross hairs)**

#83484

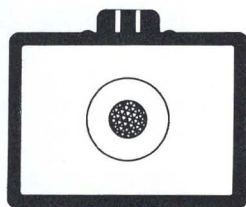
5mm diameter clear spot w/double cross hairs; full area ground glass outside the 5mm spot. Use with high magnification waist-level finder and/or magnifier for photomicrography, astrophotography and long telephoto lenses. Aerial image focusings.



**Focusing Screen #7 (low light
micro prism)**

#83494

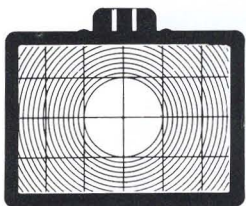
5mm diameter micro prism focusing spot on clear glass screen with fresnel lens outside a 12mm diameter spot. Recommended for photography in low light situations or at night with standard lens only.



**Focusing Screen #4
(checkerboard)**

#83486

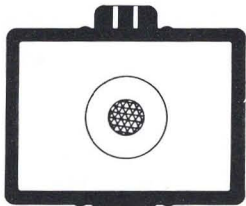
12mm diameter fine focus spot, surrounded by full area ground glass, plus fresnel lens. Checkerboard pattern of horizontal and vertical lines at 6mm intervals. For use when correct subject placement and alignment of lines is important.



**Focusing Screen #7A (low light
micro prism)**

#83496

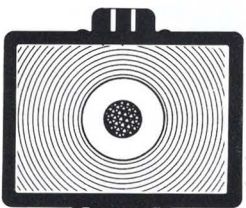
5mm diameter micro prism focusing spot on clear glass screen with fresnel lens outside a 12mm diameter spot. Recommended for photography in low light or night shooting w/telephoto lenses.



**Focusing Screen #5
(micro prism)**

#83488

5mm diameter micro prism focusing spot and fine focus ring surrounded by full area ground glass, plus fresnel lens. For general photography for all lenses with a faster maximum aperture than f/5.6.





Meter Light

#83460

Battery-powered device for illuminating meter indicator in the dark. Fits into the accessory shoe (#83440). Illuminates exposure indicator window. Uses 1.3 volt mercury battery which is supplied as well as a replacement bulb.



Accessory Shoe f/DM

#83440

The accessory shoe is attached over the bayonet mount on the rewind knob and locked firmly with the revolving lock ring. It provides the hot shoe sync connection for hot shoe flash gun and must be used to attach the meter light (#83460).

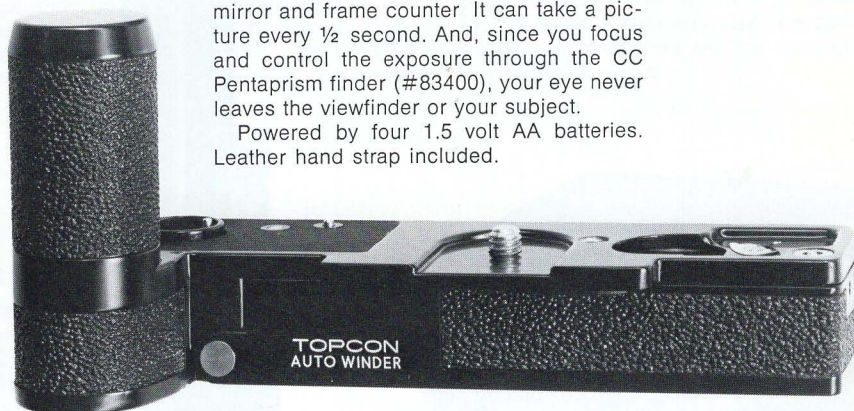


Auto Winder

#83540

The auto winder is an integral part of the Super DM itself. It is light and compact and actually forms the grip. The auto winder which is quickly and easily installed without factory or dealer servicing, automatically forwards the film and operates the shutter mirror and frame counter. It can take a picture every 1/2 second. And, since you focus and control the exposure through the CC Pentaprism finder (#83400), your eye never leaves the viewfinder or your subject.

Powered by four 1.5 volt AA batteries. Leather hand strap included.



Electric Motor Drive

#83550

Provides professional, rapid electric motor drive operation when attached to the DM camera body. Single frame or continuous shooting at speeds up to 3 frames-per-second.



Battery Recharger

#83560

Used for recharging non-cord battery pack #83590) from household current when rechargeable batteries are used.



Non-Cord Battery Pack

#83590

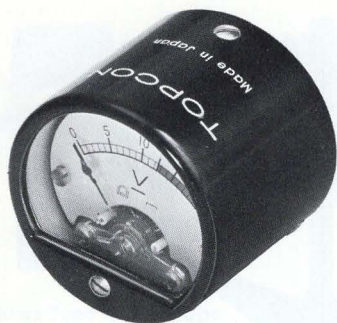
is attached directly to the hot shoe mount of the electric motor drive for cordless operation. It may be used for remote control operations up to 600 feet from the camera, with the Topcon hand controller #83615). Battery tester (#83610) and battery recharger #83560) are available, as accessories, for testing and recharging from a standard household outlet.

This is a universal battery pack using ten standard penlight dry batteries or ten rechargeable NiCad penlight batteries. Both are easily obtainable. Capacities of dry and NiCad batteries may vary depending on the manufacturer, age, and type of battery. However, the following figures may be used as a guide:

1. Standard Dry Batteries: UM-3 — More than 20 rolls of 36 exposure film or more than 3 rolls of 250 exposures in bulk pack.

2. Alkaline Manganese Dry Batteries: AM-3 — More than 100 rolls of 36 exposure film or more than 15 rolls of 250 exposures in bulk pack.

Capacities of rechargeable batteries are similar to those of Alkaline Manganese dry batteries. The rechargeability of NiCad batteries is about 300 recharging/discharging cycles (recharging taking about 7 hours). The less popular Alkaline Manganese rechargeable batteries may be recharged only about 15 times (full recharging takes approximately ten hours).



Battery Tester #83610

For checking battery conditions of non-cord dry battery pack #83590)

Hand Controller #83615

Is used connected to the electric motor drive #83550) for remote control operations up to 200 meters distance, with the non-cord battery case (#83590) or connected to both electric motor drive and portable battery case with the 3-way connector in similar operations. Extension cords of 1.5 meter (#83630), 10 meters (#83633) and 100 meters (#83636), are available. Both single frame exposure and sequence shooting are possible and controlled on the accessory

1.5 Meter Extension Cable #83630

10 Meter Extension Cable #83633

100 Meter Extension Cable #83863

These cords are for connection of the electric motor drive (#83550) to the wireless receiver #83600) the AC adapter #83595) etc.

Double Connector #83620

Connects hand controller #83615) to AC adapter #83595) for operation of wireless remote control unit #83600).



Wireless Remote Control Unit #83600

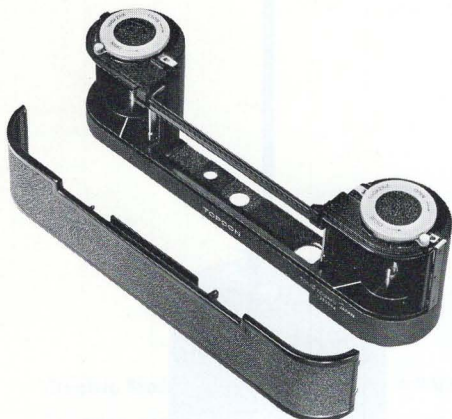
Consists of wireless transmitter and wireless receiver and provides remote control operation up to 1,500 meters when transmitter is in line of sight of the receiver. Connect motor drive (#83550) and receiver with connector cord when non-cord battery

case #83590) is used for controlling up to four cameras simultaneously. Both transmitter and receiver are operated on penlight type batteries. Single exposure or sequence shooting is controlled on the transmitter. Supplied with cases.

AC Adapter #83595

Used for operating the motor drive attachment from AC current. Available for either AC 100-115 volts or AC 220-240 volts. Can also be used for remote control motor drive operations.





Bulk Film Magazine #83570

Is used attached to the camera (replacing the removable hinged camera back) either independently or in combination with the electric motor drive, and holds up to 33 ft. of film for 250 exposures. Special Topcon film cartridges (#83575) are available. Film cartridges are used exclusively in the bulk film magazine for loading bulk film cut to suitable lengths.



Bulk Film Cartridge #83575

Film cartridge for holding film in bulk film magazine (#83570)



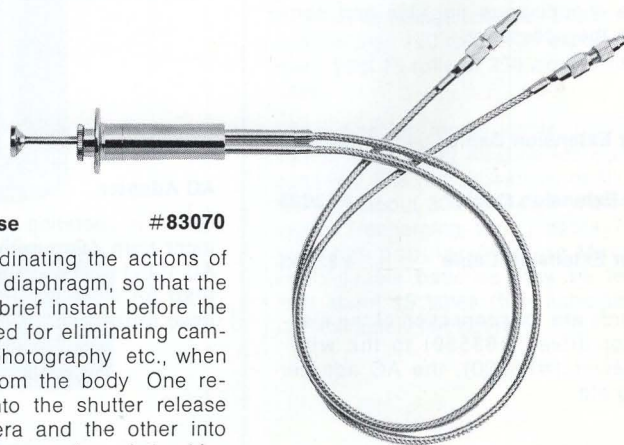
Bulk Film Loader #83580

For automatically loading Topcon film magazines (#83570) with bulk films in the darkroom. Can be set for automatically winding films of 50, 100, 150, 185, 200, and 250 frames for 50 ft. and 100 ft. bulk films.



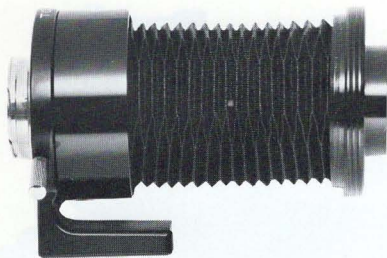
Copying Stand #83040

Four-unit kit for copying and reproduction work as well as for supporting camera and attachments in macrophotography photomicrography and slide copying work. Maximum column height of 960mm is used for copying work measuring 515mm x 364mm with the 58mm lens. Has exclusive automatic feature for perfect vertical alignment.



Double Cable Release #83070

Is supplied for coordinating the actions of the shutter and lens diaphragm, so that the latter is activated a brief instant before the shutter. It is also used for eliminating camera shake in macrophotography etc., when lens is separated from the body. One release is screwed into the shutter release button on the camera and the other into the diaphragm release socket of the Macro Topcon lens or the automatic extension tube (#83060)



Bellows Type Microscope Attachment

#83160

Non rigid bellows for high magnification photomicrography. Camera is supported on copying stand (#83040) and bellows is slipped over the microscope tube. Does not provide any support, but eliminates all vibrations from the camera that would be transmitted to the microscope.



Automatic Extension Tube

#83060

Provides 9mm lens extension and, when used with double cable release semi automatic diaphragm action to the RE Auto-Topcor lens even when the lens is separated from the camera body by extension tubes or bellows for close-up shooting. The tube has bayonet mount and may be used in combination with other Topcon accessories.



Variable Extension Tube

#83090

Minimum extension is 29mm to a maximum 59mm, as indicated on millimeter scale engraved around the lens flange. This special tube provides continuous variable focusing extension to Macro Topcor lenses, or from 1:2 to 1:7 for 30mm lens, infinity to 1:0.5 for 58mm lens and infinity to 1:0.2 for 135mm lens. It is usable with other Topcor lenses or in combination with other tubes of bellows. Supplied with leather case.



RE Auto Ring

#83520

The RE auto ring is a rigid extension tube providing 29mm extension to any lens that is attached to it. It does not disrupt the automatic lens diaphragm coupling action of the Topcor RE Macro Auto lenses.



Extension Tube Set

#83050

Set of 3 different length (9mm, 15mm, and 30mm) extension tubes, which can be used individually or in combinations, to extend the lens from a minimum 9mm to a maximum 54mm, beyond its normal focusing range, for taking close-ups. All tubes have bayonet mounts for speedy simple and easy changes.



Reverse Adapter Ring 49mm

#83100

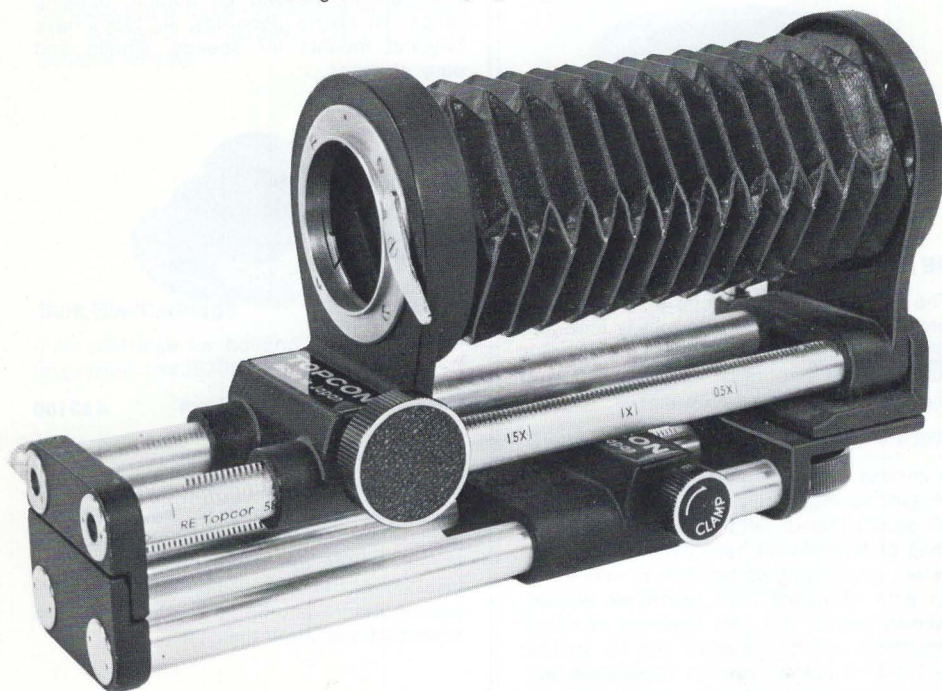
Reverse Adapter Ring 62mm

#83110

The reverse adapter rings bayonet into the bellows attachment and fit the filter screw threads on the front of either the macro or normal lenses for macro photography. An inverted lens in this position facilitates convenient macro photography when shooting reproductions larger than 1:1.

Bellows Attachment Model IV #83010

Superior bellows focusing device has twin pairs of rails for extremely large extensions, from minimum 29mm to maximum 179mm with top rails positioning lens and camera body. Magnification ranges from 0.5X to 3X with 58mm lens and 0.3X to 1.5X with 100mm lens. Detachable lower rails may be used independently for micrometer focusing of camera when used on copy stand. Also, when used on tripod, bellows attachments allows micrometer adjustment for focusing without changing magnification ratio.



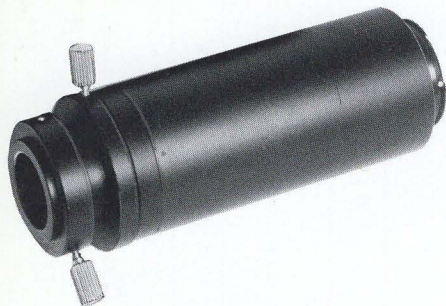
Slide Copying Attachment #83030

Used in combination with the model IV bellows (#83010) for duplication of color slides and production of black and white negatives from color transparencies. Same size duplicates (1 to 1 ratio) are easily obtained from either mounted or unmounted originals. Portions of transparencies or negatives can be enlarged to full frame. Compensation for improperly exposed originals is possible by changing exposure, lighting filters, films, etc.



Macro Stage Attachment #83020

This is an adjustable stage to hold small objects (i.e. coins, stamps, insects, etc.) Has 18% gray reflecting surface for precise light metering when photographing small objects.



Microscope Attachment, Model III #83150

Two-piece rigid, non-adjustable and light-tight connecting sleeve that may be detached quite simply into two parts during shooting sessions for changing oculars or visual observation in photomicrography. Includes lens element that permits photography at approximately the same position as for visual observation, thus not requiring adjustment of microscope for focusing.

Microscope Gray Slide #83120

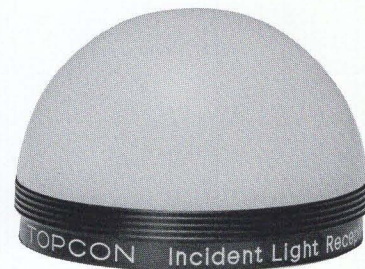
This glass plate provides 18% transmission of light for exposure measurements. This is particularly useful when photographing small specimens that occupy a small portion of the full frame. Supplied with wooden case.



Close-Up Lenses

Close-up lenses are screwed in to the filter mount of RE or UV Auto-Topcor lenses for shooting at closer focusing distances than possible with the unassisted lens and without loss of automatic lens diaphragm action.

- 49mm No. 1 #82100
- 49mm No. 2 #82104
- 49mm No. 0 #82108
- 58mm No. 1 #82110
- 62mm No. 1 #82112
- 62mm No. 2 #82116
- 67mm No. 1 #82120
- 67mm No. 2 #82124



Incident Light Receptor 51mm #83130

Incident Light Receptor 65mm #83140

Special hemisphere-shaped adapter is attached to front lens flange for taking incident light exposure readings through the lens. Provided with spectral sensitivity compensating filter for overcoming reddish or bluish tendencies of the light sources. Available in 51mm and 65mm diameters.