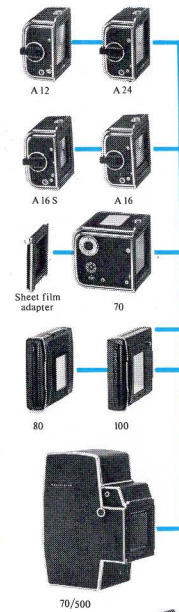
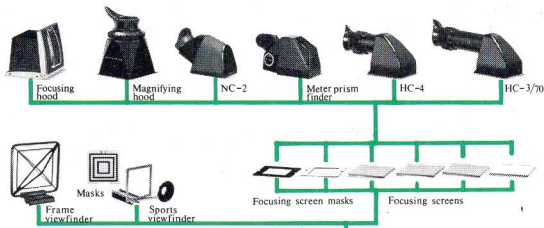


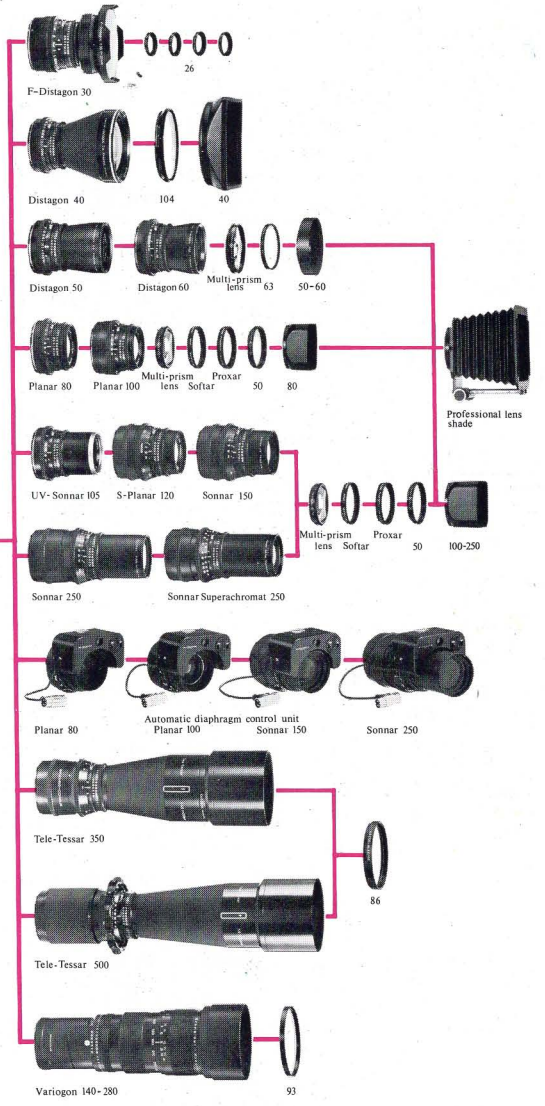
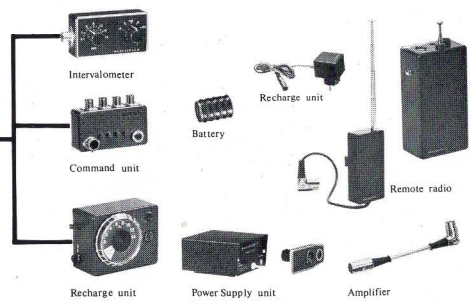
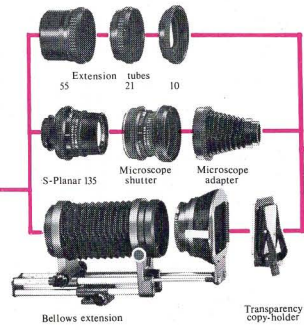
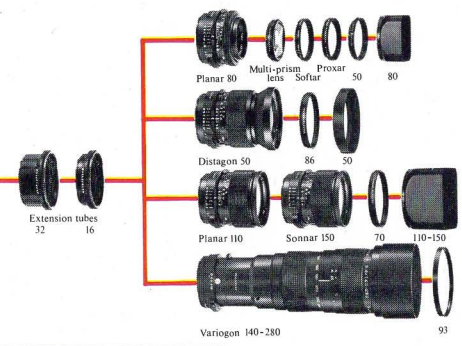
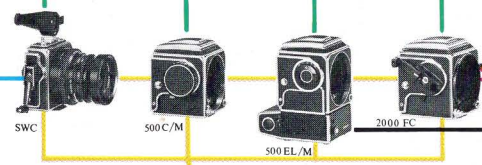
H A S S E L B L A D[®]





THE HASSELBLAD®

SYSTEM





Hasselblad, the world's most comprehensive camera system for the $2\frac{1}{4} \times 2\frac{1}{4}$ format, is the acme of flexibility. Interchangeability plus the highest quality have made the Hasselblad renowned. With more than 200 items to choose from, the photographer can assemble a special-purpose Hasselblad rig for almost any photographic assignment.

The pillars of the system have long been the Hasselblad 500C|M, Hasselblad 500EL|M and Hasselblad SWC cameras. This distinguished trio has been joined by the single-lens reflex Hasselblad 2000FC with a focal plane shutter.

The system encompasses 21 interchangeable lenses in focal lengths from 30 to 500 mm with angular fields from 180° to 9° . These lenses are of the finest optical quality and mechanical precision. Their bayonet mounts make it possible to switch lenses in seconds. A series of lenses lacking built-in leaf shutters but with longer extension, closer focusing and more comfortable grip rings has been introduced for the 2000FC.

Film magazines can also be switched quickly and conveniently. Eight different models are available for four different film loads and three different formats. This means that the Hasselblad photographer never has to miss a single shot because the camera was loaded with the wrong film.

There are eight interchangeable viewfinders too, giving the photographer a choice of sighting angles, image magnifications and reversed or unreversed viewfinder images. Four interchangeable focusing screens with different characteristics make focusing a true snap.

Items new to this year's catalog are a ringlight modified for more convenient use with the electronic flash power packs on the market, and a modified tripod quick-coupling, which can be used on the Hasselblad 500C|M, 500EL|M or 2000FC with a Hasselblad magazine for Polaroid film attached.


500C/M


10014

HASSELBLAD 500C/M

The Hasselblad 500C/M is a manually operated $2\frac{1}{4} \times 2\frac{1}{4}$ single-lens reflex camera in the Hasselblad system for lenses with fully synchronized leaf shutters for flash at all shutter speeds. Interchangeability of lenses, film magazines, focusing screens, viewfinders and film winding devices lends the camera exceptional versatility. A Hasselblad 500C/M truly makes you the master of most photographic situations.

The Zeiss 80mm Planar C f/2.8 multicoated lens, like all Hasselblad C lenses, has manual and automatic diaphragm operation, automatic depth-of-field indicators and an exposure value scale. The standard film magazine yields twelve $2\frac{1}{4} \times 2\frac{1}{4}$ frames on 120 film. The focusing hood has a folding, fine-focus magnifier to facilitate focusing on the focusing screen. Each screen has a Fresnel lens giving you a bright sparkling image right out into the corners of the field. The film winding knob advances the film and cocks the shutter at the same time.

The 500C/M has a signal system to prevent unintentional double-exposure, a frame counter, a pre-release button and a quick-attachment rail with $\frac{3}{8}$ " and $\frac{1}{4}$ " tripod sockets. Weight 49 oz (1390 g). Dimensions $6\frac{1}{2} \times 4\frac{1}{4} \times 4$ in (170×109×104 mm). The Hasselblad 500C/M is available with black trim or chrome trim.

10014 Hasselblad 500C/M, with chrome trim, is supplied with the following standard equipment:

- 10022 500C/M camera body, chrome trim (*incl. standard winding knob 44024, chrome trim standard focusing hood 42021, standard focusing screen 42161, neck strap 49018 and cable hook 43036*).
- 20028 Zeiss 80mm Planar C f/2.8 T*
- 30074 Film magazine A12, chrome trim
- 50369 Front lens cap
- 41068 Magazine slide



10162

10162 Hasselblad 500C/M, with black trim, is supplied with the following standard equipment:

- 10170 500C/M camera body, black trim (*incl. standard winding knob 44024, black trim standard focusing hood 42277, standard focusing screen 42161, neck strap 49018 and cable hook 43036*).
- 20028 Zeiss 80mm Planar C f/2.8 T*
- 30147 Film magazine A12, black trim
- 50369 Front lens cap
- 41068 Magazine slide



10030

HASSELBLAD SWC

The 2¼×2¼ Hasselblad SWC is a wide-angle camera in the Hasselblad system. Its standard film magazine is identical to the one used with other cameras in the system and yields 12 frames on 120 roll film.

The Zeiss 38mm Biogon C f/4.5 multicoated lens has a 90° angle of view. This lens is fully corrected for curvilinear distortion. Depth-of-field at f/22 is from 26 inches to ∞. The lens is permanently attached to the camera body.

The Hasselblad SWC has a fully synchronized leaf shutter with a self-timer, exposure value scale, automatic depth-of-field indicators, a spirit level, a top-mounted release button, a crank for simultaneous film transport and shutter cocking and a quick-attachment shoe with ⅜" and ¼" tripod sockets. Weight 46.2 oz (1310 g). Dimensions 6×4×5¼ in (153×108×134 mm).

Max. aperture	f/4.5	Synchro-Compur shutter	B, 1—1/500 s
Focal length	38 mm	Diaphragm	f/4.5—22
Angle of view, diagonal	90°	Synchronization	M and X
horizontal	72°	Self-timer	V
No. of lens elements	8 (multicoated)	Accessory mount	Series 63 filters
Focusing range	12 in (0.3 m)—∞		

The Hasselblad SWC is available with chrome trim or black trim.



10189

10030 Hasselblad SWC, with chrome trim, is supplied with the following standard equipment:

10049 SWC camera body, chrome trim (*incl. neck strap 49018, filter ring 63 50350, cable hook 43036, front lens cap 50385*).

52035 Optical viewfinder

30074 Film magazine A12, chrome trim

10189 Hasselblad SWC, with black trim, is supplied with the following standard equipment:

10197 SWC camera body, black trim (*incl. neck strap 49018, filter ring 63 50350, cable hook 43036, front lens cap 50385*).

52035 Optical viewfinder

30147 Film magazine A12, black trim


500EL/M


10057

HASSELBLAD 500EL/M

The Hasselblad 500EL/M is a motorized $2\frac{1}{4} \times 2\frac{1}{4}$ single-lens reflex camera in the Hasselblad system for lenses with leaf shutters. The motor is an integral part of the camera. It advances the film and cocks the shutter. The motor is powered by one or two rechargeable batteries, each of which good for about 1000 exposures. There are 5 different ways of making an exposure with the Hasselblad 500EL/M. The choice is made with a selector dial.

The Zeiss 80mm Planar C f/2.8 multicoated lens has a fully synchronized leaf shutter with a manual and automatic diaphragm, automatic depth-of-field indicators and an exposure value scale. The film magazine provides 12 $2\frac{1}{4} \times 2\frac{1}{4}$ exposures on 120 roll film. The focusing hood has a folding, fine-focus magnifier to facilitate focusing on the focusing screen. A Fresnel lens contributes to the bright, corner-to-corner screen image. Lenses, film magazines, the focusing hood and focusing screen are all interchangeable. The Hasselblad 500EL/M is supplied with the standard recharge unit I for 110/220 AC operation so that the batteries can be charged in the camera. Weight 65.5 oz (1860 g). Dimensions $6\frac{3}{4} \times 4 \times 5\frac{3}{4}$ in (170×100×147 mm). The Hasselblad 500EL/M is available with black trim or chrome trim.

10057 Hasselblad 500EL/M, with chrome trim, is supplied with the following standard equipment:

- 10065 500EL/M camera body, chrome trim (*see specifications below*)
- 20028 Zeiss 80mm Planar C f/2.8 T*
- 30074 Film magazine A12, chrome trim
- 50369 Front lens cap
- 41068 Magazine slide

10200 Hasselblad 500EL/M, with black trim, is supplied with the following standard equipment:

- 10219 500EL/M camera body, black trim (*see specifications below*)
- 20028 Zeiss 80mm Planar C f/2.8 T*
- 30147 Film magazine A12, black trim
- 50369 Front lens cap
- 41068 Magazine slide



10200

HASSELBLAD 500EL/M CAMERA BODY

The Hasselblad 500EL/M camera body can be supplied without a film magazine or lens. Almost all the accessories in the Hasselblad system can be used with the Hasselblad 500EL/M. Weight 36.3 oz (1030 g). The camera body is available with chrome trim or black trim.

10065 Hasselblad 500EL/M camera body, with chrome trim, is supplied with the following equipment:

- | | |
|---|-----------------------------|
| 42021 Standard focusing hood, chrome trim | 41041 Rear protective cover |
| 42161 Standard focusing screen | 46140 Carrying strap |
| 56022 Recharge unit I | 56111 Fuses (2) |
| 56081 Battery (1) | 46159 Key disc |
| 43036 Cable hook | 46175 Socket cap |
| 51438 Front protective cover | 46043 Release cord FK 30 |

10219 Hasselblad 500EL/M camera body, with black trim, is supplied with the same equipment as 10065 above but with a black-trim model of the standard focusing hood 42277.



10219

10065


2000FC
HASSELBLAD 2000FC

The Hasselblad 2000FC is a newcomer to the Hasselblad system. It is a $2\frac{1}{4} \times 2\frac{1}{4}$ single-lens reflex camera featuring a focal plane shutter with speeds from 1—1/2000 s and B. Rapid shutter curtain operation makes flash synchronization possible at 1/90 s. The non-vignetting mirror can be set for three different programs: instant return, return after film advance or mirror lock-up. The camera has a folding crank for advancing the film and cocking the shutter simply and smoothly. The film advance mechanism can be disengaged so that winding the crank only cocks the shutter. Multiple exposures can then be made on the same frame with the utmost ease.

Since the Hasselblad 2000FC is an integral part of the Hasselblad system, its lenses, film magazines, focusing screens and viewfinders are all interchangeable.

The Zeiss 80mm Planar F f/2.8 multicoated lens for the Hasselblad 2000FC is part of a series of new Hasselblad lenses with increased extension, convenient grip rings and simple controls for depth-of-field preview. Hasselblad lenses with leaf shutters can also be used with the 2000FC, thereby providing the photographer with maximum freedom of choice: lenses with or without leaf shutters, lenses of varying focal length and lenses of the same focal length but differing speed.

The standard film magazine yields twelve $2\frac{1}{4} \times 2\frac{1}{4}$ exposures on 120 film and fits every other camera in the system. The folding magnifier in the focusing hood facilitates critical focusing on the focusing screen whose Fresnel lens produces an extremely bright and evenly illuminated screen image. The battery compartment holding the battery cassette is set up to accommodate future accessories.

The camera mechanism has a signal system preventing unintentional double exposure, a film counter, a lock to prevent dislodging the shutter speed ring, a pre-release button and a tripod plate with a $\frac{3}{8}$ " tripod socket. Weight 53 oz (1500 g). Dimensions $7 \times 4\frac{3}{4} \times 4$ in (180×110×104 mm). The Hasselblad 2000FC is available in models with chrome trim or black trim.

10308 Hasselblad 2000FC, with chrome trim, is supplied with the following standard equipment:

10316 2000FC camera body, chrome trim (*incl. chrome trim standard focusing hood 42021, standard focusing screen 42161 and neck strap 49018*).

20400 Zeiss 80mm Planar F f/2.8 T*

50369 Front lens cap

30074 Film magazine A12, chrome trim

41068 Magazine slide

41041 Rear protective cover

10324 Hasselblad 2000FC, with black trim, is supplied with the following standard equipment:

10332 2000FC camera body, black trim (*incl. black trim standard focusing hood 42277, standard focusing screen 42161 and neck strap 49018*).

20400 Zeiss 80mm Planar F f/2.8 T*

50369 Front lens cap

30147 Film magazine A12, black trim

41068 Magazine slide

41041 Rear protective cover



10308



10324



20176

20176 Zeiss 30mm F-Distagon C f/3.5 T*
("fish-eye")
Wide-angle lens for Hasselblad
500C/M, 500EL/M and 2000FC

Max. aperture	f/3.5
Focal length	30 mm
Angle of view, diagonal	180°
horizontal	112°
No. of elements	9 (multicoated)
Focusing range	11½ in (0.3 m)—∞
Diaphragm	f/3.5—22
Synchro-Compur shutter	B, 1—1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 26 filters
Weight	48¼ oz (1370 g)
Length	4¼ in (115.5 mm)

Supplied in case 58157 with 3 filters, i.e. a yellow 50636, an orange 50644, a conversion filter 50652 for using daylight type film in artificial light and a neutral glass 50660, front lens cap 50709 and rear lens cap 50377.



20036

20036 Zeiss 40mm Distagon C f/4 T*
Wide-angle lens for Hasselblad
500C/M, 500EL/M and 2000FC

Max. aperture	f/4
Focal length	40 mm
Angle of view, diagonal	88°
horizontal	69°
No. of elements	10 (multicoated)
Focusing range	19 in (0.5 m)—∞
Diaphragm	f/4—32
Synchro-Compur shutter	B, 1—1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 104 filters
Weight	48½ oz (1375 g)
Length	5 in (124.5 mm)

Supplied in case 58114 with front lens cap 50563 and rear lens cap 50377.

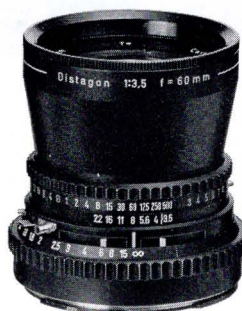


20044

20044 Zeiss 50mm Distagon C f/4 T*
Wide-angle lens for Hasselblad
500C/M, 500EL/M and 2000FC

Max. aperture	f/4
Focal length	50 mm
Angle of view, diagonal	75°
horizontal	58°
No. of elements	7 (multicoated)
Focusing range	19 in (0.5 m)—∞
Diaphragm	f/4—22
Synchro-Compur shutter	B, 1—1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 63 filters
Weight	31 oz (885 g)
Length	4 in (100 mm)

Supplied with filter retaining ring 63 50350, front lens cap 50385 and rear lens cap 50377.



20206

20206 Zeiss 60mm Distagon C f/3.5 T*
Wide-angle lens for Hasselblad
500C/M, 500EL/M and 2000FC

Max. aperture	f/3.5
Focal length	60 mm
Angle of view, diagonal	66°
horizontal	50°
No. of elements	7 (multicoated)
Focusing range	2 ft (0.6 m)—∞
Diaphragm	f/3.5—22
Synchro-Compur shutter	B, 1—1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 63 filters
Weight	22¾ oz (645 g)
Length	3¼ in (85 mm)

Supplied with filter retaining ring 63 50350, front lens cap 50385 and rear lens cap 50377.



20028

20028 Zeiss 80mm Planar C f/2.8 T*
Standard lens for Hasselblad
500C/M, 500EL/M and 2000FC

Max. aperture	f/2.8
Focal length	80 mm
Angle of view, diagonal	52°
horizontal	38°
No. of elements	7 (multicoated)
Focusing range	3 ft (0.9 m)—∞
Diaphragm	f/2.8—22
Synchro-Compur shutter	B, 1—1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	16½ oz (465 g)
Length	2 in (51.7 mm)

Supplied with front lens cap 50369 and rear lens cap 50377.



20125

20125 Zeiss 100mm Planar C f/3.5 T*
Lens for Hasselblad
500C/M, 500EL/M and 2000FC

Max. aperture	f/3.5
Focal length	100 mm
Angle of view, diagonal	43°
horizontal	32°
No. of elements	5 (multicoated)
Focusing range	3 ft (0.9 m)—∞
Diaphragm	f/3.5—22
Synchro-Compur shutter	B, 1—1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 50 filters
Weight	21½ oz (610 g)
Length	2½ in (62 mm)

Supplied with front lens cap 50369 and rear lens cap 50377.



20133



**20133 Zeiss 105mm UV-Sonnar C f/4.3
Special-purpose lens for Hasselblad
500C/M, 500EL/M and 2000FC**

Max. aperture f/4.3
Focal length 107.2 mm
Angle of view, diagonal 41°
horizontal 30°
No. of elements 7
Focusing range 6 ft (1.8 m)—∞
Diaphragm f/4.3—32
Synchro-Compur shutter B, 1—1/500 s
Synchronization M & X at all shutter speeds
Accessory mount Series 50 filters
Weight 23½ oz (670 g)
Length 3½ in (87 mm)

Designed for use within a wavelength range of 215—700 mμ (2,150—7,000 angstroms).
Supplied with front lens cap 50369 and rear lens cap 50377.



20060



**20060 Zeiss 150mm Sonnar C f/4 T*
Lens for Hasselblad
500C/M, 500EL/M and 2000FC**

Max. aperture f/4
Focal length 150 mm
Angle of view, diagonal 30°
horizontal 21°
No. of elements 5 (multicoated)
Focusing range 5 ft (1.4 m)—∞
Diaphragm f/4—32
Synchro-Compur shutter B, 1—1/500 s
Synchronization M & X at all shutter speeds
Accessory mount Series 50 filters
Weight 25 oz (710 g)
Length 3¾ in (96 mm)

Supplied with front lens cap 50369 and rear lens cap 50377.



20052



**20052 Zeiss 120mm S-Planar C f/5.6 T*
Lens for Hasselblad
500C/M, 500EL/M and 2000FC**

Max. aperture f/5.6
Focal length 120 mm
Angle of view, diagonal 36° } at ∞
horizontal 26° }
No. of elements 6 (multicoated)
Focusing range 3 ft (0.95 m)—∞
Diaphragm f/5.6—45
Synchro-Compur shutter B, 1—1/500 s
Synchronization M & X at all shutter speeds
Accessory mount Series 50 filters
Weight 22½ oz (640 g)
Length 3½ in (86.5 mm)

Supplied with front lens cap 50369 and rear lens cap 50377.



20079



**20079 Zeiss 250mm Sonnar C f/5.6 T*
Telephoto lens for Hasselblad
500C/M, 500EL/M and 2000FC**

Max. aperture f/5.6
Focal length 250 mm
Angle of view, diagonal 18°
horizontal 13°
No. of elements 4 (multicoated)
Focusing range 8½ ft (2.5 m)—∞
Diaphragm f/5.6—45
Synchro-Compur shutter B, 1—1/500 s
Synchronization M & X at all shutter speeds
Accessory mount Series 50 filters
Weight 32¾ oz (930 g)
Length 6 in (156 mm)

Supplied with front lens cap 50369 and rear lens cap 50377.



20117



**20117 Zeiss 135mm S-Planar C f/5.6 T*
Special-purpose lens for Hasselblad
500C/M and 2000FC for use with
bellows extension**

Max. aperture f/5.6
Focal length 135 mm
Angle of view, diagonal 32° } at ∞
horizontal 23° }
No. of elements 7 (multicoated)
Focusing range with bellows extension 40223 21 in (535 mm)—∞
Diaphragm f/5.6—45
Synchro-Compur shutter B, 1—1/500 s
Synchronization M & X at all shutter speeds
Accessory mount Series 50 filters
Weight 19¾ oz (560 g)
Length 3¼ in (85 mm)

Supplied with front lens cap 50369 and rear lens cap 50571.



20192



**20192 Zeiss 250mm Sonnar C
Superachromat f/5.6
Special-purpose lens for Hasselblad
500C/M, 500EL/M and 2000FC**

Max. aperture f/5.6
Focal length 250 mm
Angle of view, diagonal 18°
horizontal 13°
No. of elements 6
Focusing range 9 ft (2.8 m)—∞
Diaphragm f/5.6—45
Synchro-Compur shutter B, 1—1/500 s
Synchronization M & X at all shutter speeds
Accessory mount Series 50 filters
Weight 26¾ oz (760 g)
Length 6 in (155 mm)

The 250mm f/5.6 Zeiss Sonnar C Superachromat was specially designed to provide perfect correction for chromatic aberrations. The outstanding correction was achieved without significantly sacrificing the correction of other optical faults. The Superachromat lens is ideal for scientific work, especially in the field of multispectral photography.

It has a spectral range of 400—1000 mμ, making focusing compensation unnecessary when working in infrared light.

Supplied with front lens cap 50369 and rear lens cap 50377.



20184



20184 Zeiss 350mm Tele-Tessar C f/5.6 T*
Telephoto lens for Hasselblad
500C/M, 500EL/M and 2000FC

Max. aperture	f/5.6
Focal length	350 mm
Angle of view, diagonal	13°
horizontal	9°
No. of elements	4 (multicoated)
Focusing range	16½ ft (5 m)—∞
Diaphragm	f/5.6—45
Synchro-Compur shutter	B, 1—1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 86 filters
Weight	51.1 oz (1450 g)
Length	9 in (225 mm)

Supplied in case 58165 with front lens cap 50393, rear lens cap 50377 and lens shade 50407.



20087



20087 Zeiss 500mm Tele-Tessar C f/8 T*
Telephoto lens for Hasselblad
500C/M, 500EL/M and 2000FC

Max. aperture	f/8
Focal length	500 mm
Angle of view, diagonal	9°
horizontal	6.5°
No. of elements	5 (multicoated)
Focusing range	28 ft (8.5 m)—∞
Diaphragm	f/8—64
Synchro-Compur shutter	B, 1—1/500 s
Synchronization	M & X at all shutter speeds
Accessory mount	Series 86 filters
Weight	75.1 oz (2130 g)
Length	12½ in (316 mm)

Supplied in case 58084 with front lens cap 50393, rear lens cap 50377, lens shade 50407 and focusing ring 40150 with movable index markers.



20214 Schneider 140—280mm Variogon C
f/5.6
Zoom lens for Hasselblad
500C/M, 500EL/M and 2000FC

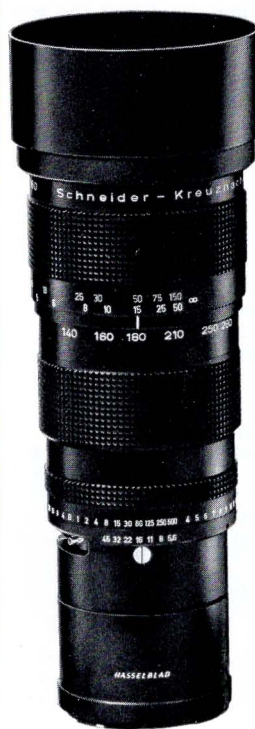
Max. aperture	f/5.6
Focal length	140—280 mm
Angle of view, diagonal	16—30°
horizontal	11—22°
No. of elements	17 in 14 groups (multicoated)
Focusing range, normal	8.2 ft (2.5 m)—∞
Closest subject-to-film plane distance:	
8 ft + macro mode	3.5 ft (107 cm)—∞
Diaphragm	f/5.6—45
Synchro-Compur shutter	B, 1—1/500 s
Accessory mount	Series 93 filters
Weight	66 oz (1870 g)
Length	9.5 in (240 mm)

The 140—280mm f/5.6 Schneider Variogon C is a zoom lens whose focal length can be varied continuously from 140 to 280 mm. It is the first zoom lens with a built-in, fully synchronized leaf shutter ever made for a 2¼×2¼ single-lens reflex camera.

The Variogon is a genuine zoom lens. This means that it remains in focus as its focal length is varied. In contrast to variofocal lenses which have to be refocused after every change in focal length.

The 140—280mm Variogon zoom presents the Hasselblad photographer with a special-purpose optic capable of yielding elegant imagery and enhanced creativity.

Supplied in case 58181 with front lens cap 51462, rear lens cap 50377 and lens shade 51470.



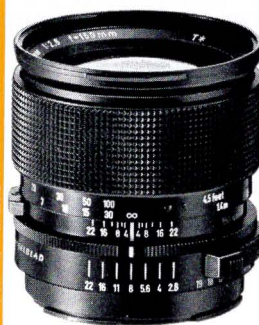
20214



20427

20427 Zeiss 50mm Distagon F f/2.8 T*
Wide-angle lens for Hasselblad 2000FC

Max. aperture	f/2.8
Focal length	50 mm
Angle of view, diagonal	74°
horizontal	56°
No. of elements	9 (floating-multicoated)
Focusing range	1 ft (0.32 m)—∞
Diaphragm	f/2.8—22
Accessory mount	Series 86 filters
Weight	43.4 oz (1230 g)
Length	4.4 in (112 mm)
Supplied in case 58262 with front lens cap 51454 and rear lens cap 50377.	



20435

20435 Zeiss 150mm Sonnar F f/2.8 T*
Lens for Hasselblad 2000FC

Max. aperture	f/2.8
Focal length	150 mm
Angle of view, diagonal	30°
horizontal	21°
No. of elements	5 (multicoated)
Focusing range	4.6 ft (1.4 m)—∞
Diaphragm	f/2.8—22
Accessory mount	Series 70 filters
Weight	24 oz (680 g)
Length	3.4 in (87 mm)
Supplied with front lens cap 51446 and rear lens cap 50377.	



20400

20400 Zeiss 80mm Planar F f/2.8 T*
Standard lens for Hasselblad 2000FC

Max. aperture	f/2.8
Focal length	80 mm
Angle of view, diagonal	51°
horizontal	37°
No. of elements	7 (multicoated)
Focusing range	2 ft (0.6 m)—∞
Diaphragm	f/2.8—22
Accessory mount	Series 50 filters
Weight	16.2 oz (460 g)
Length	2.4 in (60 mm)
Supplied with front lens cap 50369 and rear lens cap 50377.	



20443

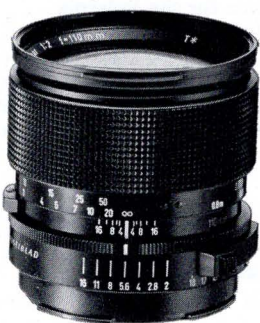
20443 Schneider 140—280mm Variogon F f/5.6
Zoom lens for Hasselblad 2000FC

Max. aperture	f/5.6
Focal length	140—280 mm
Angle of view, diagonal	16—30°
horizontal	11—22°
No. of elements	17 in 14 groups (multicoated)
Focusing range, normal	8.2 ft (2.5 m)—∞
Closest subject-to-film plane distance:	
8 ft + macro mode	3.5 ft (107 cm)—∞
Diaphragm	f/5.6—32
Accessory mount	Series 93 filters
Weight	66 oz (1870 g)
Length	9.5 in (240 mm)

The 140—280mm f/5.6 Schneider Variogon F is a zoom lens whose focal length can be varied continuously from 140 to 280 mm. The Variogon is a genuine zoom lens. This means that it remains in focus as its focal length is varied. In contrast to variofocal lenses which have to be refocused after every change in focal length.

The 140—280mm Variogon zoom presents the Hasselblad photographer with a special-purpose optic capable of yielding elegant imagery and enhanced creativity.

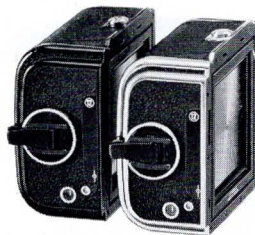
Supplied in case 58181 with front lens cap 51462, rear lens cap 50377 and lens shade 51470.



20419

20419 Zeiss 110mm Planar F f/2.0 T*
Lens for Hasselblad 2000FC

Max. aperture	f/2.0
Focal length	110 mm
Angle of view, diagonal	39°
horizontal	28°
No. of elements	7 (multicoated)
Focusing range	2.6 ft (0.8 m)—∞
Diaphragm	f/2.0—16
Accessory mount	Series 70 filters
Weight	26.5 oz (750 g)
Length	3.4 in (87 mm)
Supplied with front lens cap 51446 and rear lens cap 50377.	

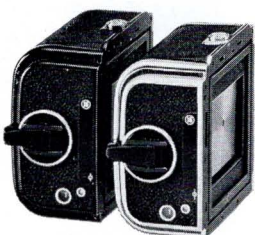


30147 30074

30074 Film magazine A12 (chrome)
30147 Film magazine A12 (black)

The film magazine A12 provides 12 2¼ × 2¼ exposures on 120 roll film. Fitted with a winding crank, automatic stop at the first frame, a counter with automatic zero-reset, film indicator, exposure signals and automatic stop after 12 exposures. Available with black trim and chrome trim. Supplied with magazine slide 41068.

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.

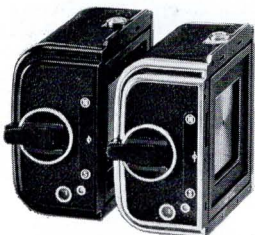


30155 30082

30082 Film magazine A16 (chrome)
30155 Film magazine A16 (black)

The film magazine A16 provides 16 1⅝ × 2¼ pictures on 120 roll film. The magazine A16 is an economical film holder, especially when used with color. It has a film winding crank with an automatic stop at the first frame, a film counter with automatic reset, a film indicator, exposure signal and automatic stop after 16 exposures. Available with black trim or chrome trim. It is supplied with magazine slide 41068 and focusing screen mask 42145 (use mask 42080 with older 500C or 500EL models; see page 17).

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.

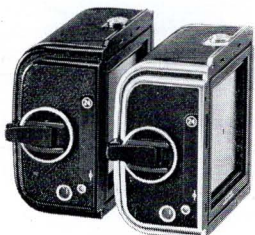


30163 30090

30090 Film magazine A16S (chrome)
30163 Film magazine A16S (black)

The film magazine A16S provides 16 1⅝ × 1⅝ superslide-size shots on 120 roll film. It has a film winding crank with an automatic stop at the first frame, a film counter with automatic reset, a film indicator, exposure signal and automatic stop after 16 exposures. Available with black trim or chrome trim. It is supplied with magazine slide 41068 and 42145 focusing screen mask (use mask 42080 with older 500C or 500EL models; see page 17).

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.

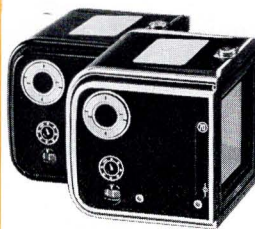


30171 30104

30104 Film magazine A24 (chrome)
30171 Film magazine A24 (black)

The magazine A24 provides 24 2¼ × 2¼ exposures on 220 roll film. It has a crank for film winding with an automatic stop at the first frame, a counter with automatic zero-reset, a film indicator, an exposure signal and an automatic stop after 24 exposures. Available with black trim or chrome trim. Supplied with magazine slide 41068.

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.



30139 30066

30066 Film magazine 70 (chrome)
30139 Film magazine 70 (black)

This magazine is designed to take up to 15 ft (4.7 m) of cassette-loaded 70 mm film and yields 70 2¼ × 2¼ pictures. 70 mm film is available in 100 and 300 ft bulk loads for loading cassettes with any desired length up to 15 ft. Cassettes for preloaded film are also available. The magazine has a film plane marking, film signal, film counter and film type indicator. Available with black trim or chrome trim. Supplied with magazine slide 41068.

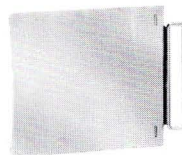
For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.



51039

51039 Film cassette for film magazine 70

This enameled steel cassette can be loaded with 15 ft (4.7 m) of 70 mm perforated film.



41068

41068 Magazine slide

Made of stainless steel. Fits all Hasselblad film magazines except the magazines 80 and 100 for Polaroid film.

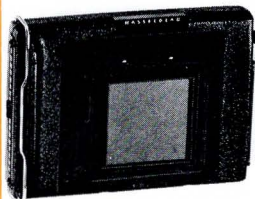


41076

41076 Quick-winding crank for film magazines

Attached to the film magazine loading key, this crank saves time in advancing the film to the first frame and winding onto the take-up spool after the last exposure.

For Hasselblad magazines 12, 16, 16S, 24 and 70.

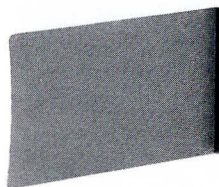


30120

30120 Hasselblad magazine 80 for Polaroid film

This magazine is often essential to the studio photographer in obtaining fast checks on lighting and composition. Any shortcomings are quickly disclosed. The amateur photographer should also find it a useful accessory. Both Type 87 (3000 ASA) black & white film packs and Type 88 (75 ASA) color packs fit this magazine. Neutral density filters are available for use with the high speed black & white Polaroid film. See page 14. Format: 2¼-square. Supplied with magazine slide 41106 and protective cover 41114.

For Hasselblad 500C/M and 500EL/M. Note: the magazine 80 will *not* fit the 2000FC.



41106

41106 Magazine slide for the Polaroid film magazine 80

This stainless steel magazine slide only fits the Hasselblad magazine 80 for Polaroid film. The magazine slide can be stowed in a holder at the rear of the magazine when the magazine is in use on the camera.



41114

41114 Protective cover for the Polaroid film magazine 80

The glass plate in the Polaroid magazine 80 is protected by this cover when the magazine is not in use.

30198 Hasselblad magazine 100 for Polaroid film

Polaroid film packs Type 105, 107, 108, 664, 665, 667 and 668 can be used in this magazine by the Hasselblad photographer. The magazine's glass plate ensures exact film positioning, especially important when film Type 105 is used. This film yields a positive print and a negative with resolution good enough for big, high-quality blow-ups, both within 30 s. Image format 2¼-square. Supplied with magazine slide 41122.

For Hasselblad 500C/M, 500EL/M and 2000FC.



30198

41122 Magazine slide for the Polaroid magazine 100

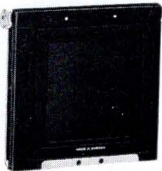
This stainless steel magazine slide only fits the Hasselblad magazine 100 for Polaroid film. The slide can be stowed into a holder at the rear of the magazine when the magazine is in use on the camera.



41122

41017 Sheet film adapter

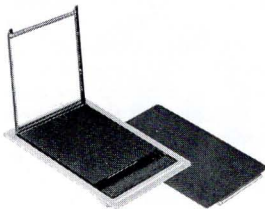
The Hasselblad sheet film adapter enables you to make use of the wide range of sheet film on the market. It is used in conjunction with easy-to-switch sheet film holders. For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.



41017

51012 Sheet film holder

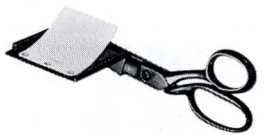
A single-sided film holder for sheet film and plates. 2½×3¼ film can be trimmed to 2½×2½ with the Hasselblad film cutter 41092.



51012

41092 Film cutter

This film cutter has been designed to facilitate trimming sheet film to 2½×2½ (2¼×2¼ image field). Extremely easy to use, it protects film from finger marks and greatly simplifies film trimming.

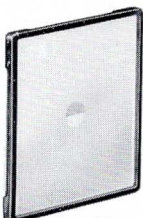


41092

42188 Interchangeable focusing screen with split-image rangefinder 1

Focusing is faster and easier with this bright focusing screen. The matt-surface focusing screen with a Fresnel lens has a 7.5 mm split-image rangefinder center spot. Hasselblad interchangeable focusing screens can be switched in seconds.

The split-image rangefinder focusing screen fits the Hasselblad 500C/M, 500EL/M and 2000FC with lenses in focal lengths from 30—150 mm.



42188

42196 Replacement focusing screen with split-image rangefinder 1

A set for permanent installation of a focusing screen with split-image rangefinder in 500C and 500EL models. Detailed installation instructions included.



42234

42234 Interchangeable focusing screen with central grid 1

This focusing screen, with a central grid 15 mm in diameter to facilitate focusing, provides a bright, sharp image of the subject. For use with all Hasselblad lenses.

For Hasselblad 500C/M, 500EL/M and 2000FC.

42242 Replacement focusing screen with central grid 1

A set for permanent installation of a focusing screen with central grid in 500C and 500EL models. Detailed installation instructions included.



42250

42250 Interchangeable checked focusing screen with central grid 2

A 15 mm microprism central grid is combined with a checked pattern in this focusing screen. The checking is used for horizontal and vertical alignment in e.g. architectural photography and copying work.

For Hasselblad 500C/M, 500EL/M and 2000FC.

42269 Replacement checked focusing screen with central grid 2

A set for permanent installation of a checked focusing screen with central grid in 500C and 500EL models. Detailed installation instructions included.



52027

52027 Prism viewfinder NC-2

The high-quality system of lenses and prisms in this eye-level prism viewfinder produces an unreversed image three times larger than the focusing screen image. The sighting angle is 45° in relation to the optical axis of the lens. The large diameter ocular has a rubber eyepiece to protect eyeglass lenses. It can also be fitted with a correction lens. Delivered with protective cover 42064.

For Hasselblad 500C/M, 500EL/M, 2000FC and, in conjunction with the focusing screen adapter, the SWC.



52086

52086 Prism viewfinder HC-4

The viewfinder's superb optical system provides a bright, unreversed image magnified 3 times. The viewfinder has an ocular focusable ± 5 diopters. The ocular has an adjustable rubber eyepiece which can be swiveled to accommodate photographers wearing glasses. The viewfinder is slid onto the focusing screen in the same manner as the focusing hood.

Delivered with protective cover 42064.

For Hasselblad 500C/M, 500EL/M, 2000FC and, in conjunction with the focusing screen adapter, the SWC.



52043

52043 Prism viewfinder HC-3/70

The same basic design as the HC-4 prism viewfinder but with a longer finder barrel, making it especially suitable for use with the film magazine 70. It yields an image magnified 4 times.

Delivered with protective cover 42064.

For Hasselblad 500C/M, 500EL/M, 2000FC and, in conjunction with the focusing screen adapter, the SWC.

52051 Meter prism finder

Exposure can be determined quickly and accurately with the meter prism finder. The built-in battery-powered CdS meter takes a reading of the entire viewfinder image, with the exception of a few millimeters at the upper edge. The reading is shown on an exposure value scale clearly visible in the viewfinder. The exposure value indicated is then transferred to the camera lens. The sighting angle is 45° and the unreversed screen image is enlarged 3 times. The viewfinder is supplied with a 42064 protective cover.

For Hasselblad 500C/M, 500EL/M and 2000FC.



52051

52094 Magnifying hood

This hood is fitted with a magnifier that enlarges the focusing screen image 2½ times. The magnifier is adjustable from +3.5 to -2.5 diopters to suit individual eyesight requirements. The magnifying hood effectively blocks extraneous light and makes accurate focusing easier.

For Hasselblad 500C/M, 500EL/M, 2000FC and, with the focusing screen adapter, the SWC.

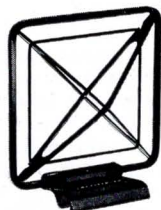


52094

40215 Frame viewfinder

This viewfinder outlines the field of view for lenses with 150 mm and 250 mm focal length when used in conjunction with the Hasselblad 500C/M, 500EL/M and 2000FC, and magazines A12, 12, A24, 24 or 70.

The frame viewfinder slides onto the lens shade from the front and is clamped in place with an effective snap catch. The frame provides a direct line of sight parallel to the optical axis of the camera lens. For lens shades 80, 110 and 100—250.

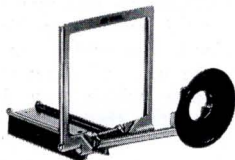


40215

43028 Sports viewfinder

Sports viewfinder with parallax compensation and interchangeable masks for different focal lengths and magazines. An ideal accessory for the press photographer. The frame of the finder outlines field limits when the viewfinder is used in combination with magazines A12, 12, A24 or 24 and a 80mm lens or magazines A16S and 16S and a 50mm lens.

For Hasselblad 500C/M, 500EL/M and 2000FC.



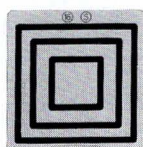
43028

Masks for sports viewfinder

Masks for film magazines A12, 12, A24, 24
43141 (in combination with 100mm lens)
43044 (in combination with 150mm lens)
43052 (in combination with 250mm lens)
43168 (in combination with 350mm lens)
43060 (in combination with 500mm lens)

Masks for film magazines A16 and 16
43079 (in combination with 80mm lens)
43087 (in combination with 150mm lens)
43095 (in combination with 250mm lens)

Mask for film magazines A16S and 16
43109 (with engraved viewing fields for 80 and 150mm lenses).



43109

50296 Proxar 0.5

50318 Proxar 1.0

50326 Proxar 2.0

Proxar auxiliary close-up lenses have internal and external bayonet mounts. For use with the 80mm C Planar lens:

Proxar 0.5 provides a focusing range of 17¼"–24¼" (43.5–61.7 cm).

Proxar 1.0 provides a focusing range of 22¼"–42½" (55.8–107 cm).

Proxar 2.0 provides a focusing range of 26¾"–83¾" (68–213 cm).

Proxar 1.0+0.5 provide a focusing range of 14½"–18¼" (36.9–46.2 cm).

Proxar 1.0+2.0 provide a focusing range of 19½"–31½" (49.2–79.5 cm).

For lenses with series 50 accessory mounts for Hasselblad 500C/M, 500EL/M and 2000FC.



50296 50318 50326

40363 Extension tube 10

For Hasselblad 500C/M and 500EL/M.

40541 Extension tube 16

For Hasselblad 500C/M, 500EL/M and 2000FC.

40010 Extension tube 21

For Hasselblad 500C/M and 500EL/M.

40568 Extension tube 32

For Hasselblad 500C/M, 500EL/M and 2000FC.

40029 Extension tube 55

For Hasselblad 500C/M, 500EL/M and 2000FC.

The extension tubes have a shaft which interconnects the lens and camera mechanisms so that all automatic functions are retained. More than one extension tube can be used at a time. Bayonet mounts make it easy to connect the tubes in different combinations. Thus, the 10 and 21 mm extension tubes can also be used with the Hasselblad 2000FC if they are not connected immediately adjacent to the camera. The 10 mm and 16 mm extension tubes may not be connected immediately adjacent to the 135mm S-Planar C lens.

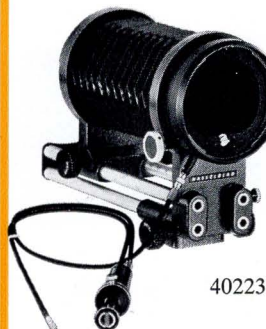


40541
40363
40010
40568
40029

40223 Bellows extension

The bellows extension is fitted with a double cable release 40142 for simultaneous operation of lens and camera mechanisms, thus enabling full use to be made of the camera's automatic features. The shutter is cocked manually by means of a special device in the bellows lens mount. The bellows can be extended from 2½" to 8" (6.35 cm to 20.2 cm), which together with, e.g., the special 135mm S-Planar C lens, provides a focusing range from 21" (535 mm—1:1 scale of reproduction) to ∞.

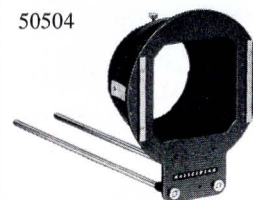
For Hasselblad 500C/M, 2000FC and, with release adapter 46213, the 500EL/M.



40223

50504 Lens shade for bellows extension

A lens shade for the bellows extension. It can also be used as an adapter accepting the Hasselblad transparency copy-holder.



50504

46213 Release adapter

The release adapter is employed if the bellows extension is modified for use with the 500EL/M. Instructions for modification of the bellows extension are included.

For Hasselblad 500EL/M.



46213

50490 Transparency copy-holder

The Hasselblad transparency copy-holder is used for reproducing and duplicating black & white negatives and color transparencies. It is attached to the lens shade of the bellows extension with the support provided. Electronic flash is recommended as the light source. When reproducing color transparencies, filters 50199, 50261, and 50288 can be used for color correction.

For the bellows extension, 40223 with Hasselblad 500C/M and 2000FC.

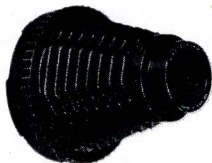


50490

40045 Microscope adapter

When coupled to a microscope, the microscope adapter becomes the link between eyepiece and camera. It has a bayonet mount for attachment to the camera. This adapter provides the photographer with a rock-steady and light-tight connection of camera and microscope. For oculars 23.2 mm in diameter.

For Hasselblad 500C/M, 500EL/M and 2000FC.



40045

40169 Microscope shutter

The microscope shutter, provided with a bayonet mount for the camera body and microscope adapter 40045, is cocked and tripped automatically by the camera mechanism. It has a fully synchronized Synchro-Compur shutter for B and 1—1/500 s and is protected by an eyepiece shield.

For Hasselblad 500C/M, 500EL/M and 2000FC.

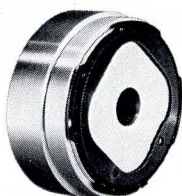


40169

40037 Lens mount adapter

Intended for attaching special lenses to the camera as may be required in photomicrography, for example. The auxiliary shutter in the camera body then serves as the main shutter.

For Hasselblad 500C/M, 500EL/M and 2000FC.



40037

40177 Lens flange

The lens flange is designed for photographers who wish to use their Hasselblad lenses on enlargers. It is made of light alloy and can easily be adapted for use with most enlargers.

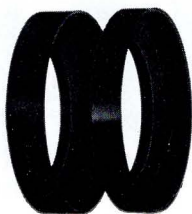


40177

40274 40282

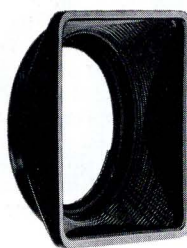
40282 Lens shade 38 40274 Lens shade 50—60

These black anodized aluminum lens shades with matt-finished inner surfaces are made for the 38mm Biogon C, 50mm and 60mm Distagon C respectively. Also designed to accommodate the Hasselblad series 63 filters. These lens shades are screwed directly onto their respective lenses.



40290 Lens shade 40

A lens shade for the 40mm Distagon C lens. Made of rubber and provided with a bayonet mount.



40290

40584 Lens shade 2.8/50

Lens shade for the 50mm Distagon F lens for the Hasselblad 2000FC. It is attached to the lens via a threaded mount.



40584

40118 Lens shade 80

The lens shade 80 for the 80mm Planar C and F lenses is provided with a bayonet mount. Alignment dots facilitate attachment to the lens. The lens shade reduces glare and reflections and protects exposed lens surfaces.



40118

40126 Lens shade 100—250

Lens shade for the 100mm Planar C, 105 mm UV-Sonnar C, 120mm S-Planar C, 135 mm S-Planar C, 150mm Sonnar C and 250 mm Sonnar C lenses. Same finish as lens shade 80 40118. Bayonet mount attachment to the lens.

Features same as 40118.



40126

40576 Lens shade 110

Lens shade for the 110mm Planar F lens and 150mm Sonnar F lens for the Hasselblad 2000FC. It is attached to the lens via a bayonet mount.

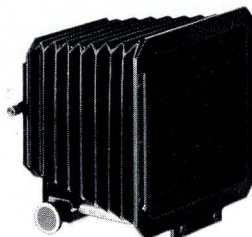
Same features as lens shade 40118.

40231 Professional lens shade

Distracting glare and reflections are effectively reduced by the Professional lens shade. Designed as a bellows, it can be extended to approx. 4" (100 mm). It has markings for the focal lengths of the different lenses, and separate masks for the longer focal lengths are included. This lens shade is screwed onto the 50mm and 60mm Distagon C and 38mm Biogon C and attached to the 80mm Planar C and F, 100mm Planar C, 120mm and 135mm S-Planar C, 105mm UV-Sonnar C, 150mm and 250mm Sonnar C lenses with an adapter ring. The included open L-connector 50776 is used with cable release.

Supplied with:

- 40320 Adapter ring 50
- 40339 Adapter ring 63
- 40304 Mask for 120—150 mm lenses
- 40312 Mask for 250 mm lenses
- 50776 Open L-connector



40231



50776

40495 Holder for gelatin filters

The holder for gelatin filters is inserted into a special slot on the Hasselblad Professional lens shade. The filter is held firmly in a flat position. Insertion is quick and simple.

For Hasselblad Professional lens shade.



40495

50512 Softar I/50
50520 Softar II/50
50539 Softar III/50

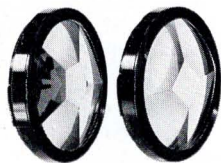
The Softars are used for soft focus effects in portrait photography. They are available in three different degrees of soft-focus. Combining of two or more Softars produces a variety of effects.

Since the Softars consist of a large number of tiny lens elements evenly distributed over the entire surface, soft focus is better than with ordinary diffusing disks.

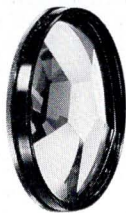
For lenses with series 50 accessory mounts used with Hasselblad 500C/M, 500EL/M and 2000FC.



50539 50520 50512



50687 50679



50695

Multi-prism lenses

These multi-prism lenses have prisms producing multiple images on the film. A striking accessory for the advertising photographer and an interesting, creative tool for experiments.

For lenses with series 50 accessory mounts:
 50679 with five prisms
 50687 with six prisms

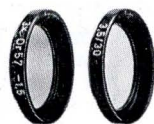
For lenses with series 63 accessory mounts:
 50695 with six prisms

Series 26 filters

These filters are 26 mm in diameter and designed for use with the 30mm F-Distagon C. The filters are engraved with markings designating filter factor, color, wavelength limit and exposure value reduction, in that order.

- 50636 yellow 1.5× Y50—0.5
- 50644 orange 3 × Or57—1.5
- 50652 conversion filter* 2 × B11—1
- 50660 compensation glass

* for using daylight type film in artificial light.



50644 50660



50636 50652

- 50075 Polarizing filter 50 (incl. pouch) for series 50 accessory mounts**
- 58122 Pouch for polarizing filter 50**
- 50482 Polarizing filter 63 (incl. pouch) for series 63 accessory mounts**
- 58130 Pouch for polarizing filter 63**

The Hasselblad polarizing filter 50 is engraved with the designation 50 2×Pola—1, and the polarizing filter 63 with the designation 63 2×Pola—1. The designations indicate the diameter, filter factor, type and exposure value reduction.

Polarizing filters are supplied in suede-finished cowhide pouches. Pouches can also be ordered separately.



50075



50024



50199



50113



50814

Series 50 filters

These filters are 50mm in diameter and designed for use with the 80mm Planar C and F, 100mm Planar C, 120mm S-Planar C, 135mm S-Planar C, 150mm Sonnar and 250mm Sonnar C lenses. They have internal and external bayonet mounts and can be attached to one another.

The filters are engraved with designations indicating diameter, filter factor, color and exposure value reduction, in that order.

- 50016 yellow 50 1.5× Y—0.5
- 50024 yellow-green 50 2 × YG—1
- 50032 green 50 3 × G—1.5
- 50040 orange 50 4 × O—2
- 50059 red 50 6 × R—2.5
- 50067 haze 50 1 × HZ—0
- 50083 gray 50 4 × Gr—2
- 50784 gray (neutr.-density) 50 8 × Gr—3
- 50717 gray (neutr.-density) 50 64 × Gr—6

Light balance filters series 50

The light balance filters are used with both reversal or negative color film to eliminate color casts.

They are engraved with designations indicating diameter, filter factor, color, decamired shift value and exposure value reduction. CR indicates a red filter and CB a blue one.

- 50199 Set of six filters as below:
- 50202 50 1 × CR 1.5—0 (skylight)
- 50210 50 1 × CR 3 —0
- 50229 50 1.4× CR 6 —0.5
- 50237 50 1 × CB 1.5—0
- 50245 50 1.4× CB 3 —0.5
- 50253 50 2 × CB 6 —1
- 50261 50 2 × CR 12—1 conversion filter for using tungsten type film (3200K) in daylight.
- 50288 50 3.5× CB 12—1.5 conversion filter for using daylight type film in artificial light (3200K).

Series 63 filters

These filters are 63mm in diameter and fit the 38mm Biogon C and 50mm and 60mm Distagon C lenses. They are attached to the lens by means of filter retaining ring 50350.

Engraved designations provide the same information as on the series 50 filters.

- 50105 yellow 63 1.5× Y—0.5
- 50806 yellow-green 63 2 × YG—1
- 50113 green 63 3 × G—1.5
- 50121 orange 63 4 × O—2
- 50148 red 63 6 × R—2.5
- 50156 haze 63 1 × HZ—0
- 50164 diffusion 63 DF 1
- 50792 gray (neutr.-density) 63 8 × Gr—3
- 50768 gray (neutr.-density) 63 64 × Gr—6

Light balance filters series 63

Filters with the same characteristics as series 50 light balance filters.

- 50814 Set of 6 filters as below:
- 50822 63 1 × CR 1.5—0 (skylight)
- 50830 63 1 × CR 3 —0
- 50849 63 1.4× CR 6 —0.5
- 50857 63 1 × CB 1.5—0
- 50865 63 1.4× CB 3 —0.5
- 50873 63 2 × CB 6 —1
- 50881 63 2 × CR 12—1 conversion filter for using tungsten type film (3200K) in daylight.
- 50903 63 3.5× CB 12—1.5 conversion filter for using daylight type film in artificial light (3200K).



Series 70 filters

These filters are 70mm in diameter and designed for the 110mm Planar F lens and 150mm Sonnar F lens for the Hasselblad 2000FC. They have internal and external bayonet mounts and can be attached to one another. Engraved designations on these filters are the same as on series 50 and series 63 filters.

51306 yellow	70 1.5 × Y—0.5
51314 green	70 3 × G—1.5
51322 orange	70 4 × O—2
51330 red	70 6 × R—2.5
51349 haze	70 1 × HZ—0

Light balance filter series 70

This filter have the same properties as series 50 and series 63 light balance filters.

51357 70 1 × CR 1.5—0 (skylight)

Series 86 filters

These filters are 86mm in diameter and are designed for use with the 350mm or 500mm Tele-Tessar C lenses and the 50mm Distagon F lens. They have internal and external threaded mounts. The filter is attached to the lens by the external thread. Additional filters or a lens shade can be screwed into the internal thread.

50741 yellow	86 2 × Y—1
50911 green	86 3 × G—1.5
50172 orange	86 5 × Or—2.5
50180 haze	86 1 × HZ—0

Light balance filter series 86

This filter have the same properties as series 50 and series 63 light balance filters.

50938 86 1 × CR 1.5—0 (skylight)

Series 93 filters

These filters are 93mm in diameter and designed for the 140—280mm Variogon C and F lenses.

Engraved designations on these filters are the same as on series 50, series 63 and series 70 filters.

51365 yellow	93 1.5 × Y—0.5
51373 green	93 3 × G—1.5
51381 orange	93 4 × O—2
51403 red	93 6 × R—2.5
51411 haze	93 1 × HZ—0

Series 104 filters

These filters are 104mm in diameter and fit the 40mm Distagon C lens. They have a bayonet mount for attachment to the lens accessory mount.

50547 yellow	104 2 × Y—1
50555 yellow-green	104 2 × YG—1
50725 orange	104 5 × Or—2.5
50733 haze	104 1 × HZ—0

40053 Filter adapter ring series 63

This step-up adapter ring is used to attach series 63 filters to the 80mm Planar C and F, 100mm Planar C, 120mm and 135mm S-Planar C, 150mm and 250mm Sonnar C lenses.



51349



50180



51411



50547



40053



50598 50601 50628



51489

51519



51497



51500



50458



50466



43125

Glassless filter mounts

These mounts are intended for rimless special-purpose filters for, e.g., ultraviolet and infrared photography.

- 50598 Filter mount 50 for Hasselblad 80mm Planar C and F, 100mm Planar C, 120mm and 135mm S-Planar C, 150mm and 250mm Sonnar C lenses.
- 50601 Filter mount 86 for 350mm or 500mm Tele-Tessar C lenses.
- 50628 Filter mount 104 for 40mm Distagon C lens.

51489 Ringlight

The Hasselblad ringlight for electronic flash units rated at 300—360 V. For all the Hasselblad 500C/M and 500EL/M lenses except the 30mm and 40mm Distagon C, 350mm and 500mm Tele-Tessar C and 140—280mm Variogon. It also fits the 80mm Planar F for the 2000FC. Uniform, shadowless lighting is obtained due to the position of the ringlight around the circumference of the camera lens. For close-up photography in research, medicine, science, technology and nature study. 65° angle of coverage and a 5800K color temperature. The Hasselblad ringlight is delivered with a cord for connection to a Paffrath & Kemper electronic flash power pack.

- 51497 Connecting cord for Braun F900
- 51500 Connecting cord for Metz 402
- 51519 Connecting cord for Metz 202

Special cords for connecting electronic flash power packs to the Hasselblad ringlight 51489.

Accessories for Hasselblad ringlight 50415:

50458 Neutral connecting cord

With this neutral cord the Hasselblad ringlight 50415 can be connected to any electronic flash power pack with a voltage of 500 V and rated at up to 250 watt-seconds. Consult your flash unit dealer for connection instructions. (The ringlight 50415 has been discontinued.)

50466 Intermediate connector

This intermediate connector allows the Hasselblad ringlight 50415 to be used at half power with Braun F800 and F810 electronic flash power packs. When this connector is used, only one of the capacitors in the power pack is discharged and half the normal light intensity is produced for each exposure.

43125 Adjustable flash-shoe

This flash-shoe is designed to fit the accessory rail on the left side of the camera body. It is intended for expendable flash guns and electronic flash units. This device features a swiveling flash-shoe which clicks into different positions to provide both direct or bounce lighting.

For Hasselblad 500C/M, 500EL/M and 2000 FC.



45020

45020 Flash-gun bracket

This flash-gun bracket is mounted on the camera's tripod plate. The grip is shaped to fit comfortably in the left hand. A trigger actuates a cable release which trips the shutter; a safety catch prevents accidental exposure. The top of the flash-gun bracket has a mounting shoe to which a flash-gun or flash-holder 45039 and 45098 can be attached. Supplied with the cable release 55018.

For Hasselblad 500C/M and SWC.



45039

45039 Adjustable flash-holder

This flash-holder is mounted on flash-gun bracket 45020 or 45071 and can be swiveled to provide illumination in the required direction. The flash-gun tube is gripped by the flash-holder clamp which can be adjusted by means of a knurled screw. The flash-holder is fitted with a mounting shoe in addition to the flash-holder clamp.



45071

45071 Flash-gun bracket

The flash-gun bracket, which is attached to the camera's tripod plate is anatomically moulded to fit the left hand. An adjustable leather strap makes for a much steadier grip. The camera can be triggered with a built-in release bar which can be locked to prevent unintentional release. The flash-gun bracket has a flash-shoe for a flash unit, extension arm 45098 or flash-holder 45039.

For Hasselblad 500C/M and 2000FC.



45098

45098 Extension arm

The extension arm is attached to the flash-gun bracket 45071, 45020 or the double handgrip 46132. It can be swiveled so that light can be aimed in the desired direction.



45047

45047 Pistol grip for 500C/M and 2000FC**46221 Pistol grip for 500EL/M**

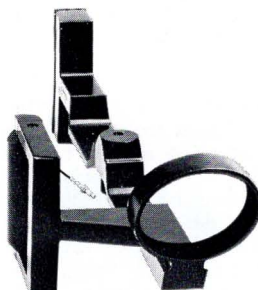
The pistol grip is locked to the camera's tripod plate. The molded bakelite grip is shaped to fit the left hand snugly. Exposure is made by squeezing the trigger with the index finger.



46221

45063 Platform Gunstock

The platform gunstock makes it possible for wildlife, news and other photographers to leave their style-cramping tripods at home and work with the 500mm Tele-Tessar C lens more securely and with less camera motion. The unit is designed like a rifle stock with a padded butt which rests against the shoulder and an adjustable grip for right or left hand use. The camera's shutter is tripped via a cable release. The cable release is supplied with release adapter 46213 for use with the 500EL/M. The platform gunstock is made of aluminum, keeping weight down to approx. 35 oz (1 kg). For Hasselblad 500C/M, 500EL/M and 2000FC.



45063



44032 44016

44016 Rapid-winding crank (chrome)**44032 Rapid-winding crank (black)**

The film winding knob on the Hasselblad 500C/M can easily be replaced by the rapid-winding crank for faster film winding. This accessory increases shooting speed considerably and enables the film to be advanced quickly and smoothly—an enormous advantage in studio and press photography. Available with black or chrome trim.

For Hasselblad 500C/M.



54011

54011 Knob with exposure meter

The standard winding knob on the Hasselblad 500C/M can be quickly replaced with the knob with exposure meter. This metering knob converts light intensity into exposure values. It can easily be removed from the camera for taking measurements close to the subject. It is graduated from 6—1600 ASA (9—33 DIN) and is provided with a diffuser for incident light readings. A mirror under the pointer ensures accurate readings of the meter scale.

For Hasselblad 500C/M, the 500EL/M and 2000FC when fitted to the attachment for exposure meter (40266) on the lens shade.



40061

40061 Quick-focusing handle 1

Focusing is a fast and simple procedure using a quick-focusing handle. The adjustable handle is pressed onto the lens focusing ring. It is provided with three movable index markers and six indicating sleeves. The markers can be positioned around the focusing handle to indicate predetermined focusing points. This accessory is ideal for sports and press photography.

For 50mm and 60mm Distagon C, 80mm and 100mm Planar C, 105mm UV-Sonnar C on the Hasselblad 500C/M, 500EL/M and SWC but *not* with these lenses on the 2000FC.



40088

40088 Quick-focusing handle 2

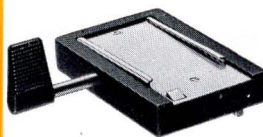
This focusing handle fits the 120mm S-Planar C, 150mm and 250mm Sonnar C lenses on the Hasselblad 500C/M, 500EL/M and 2000FC.

Same design as quick-focusing handle 40061.

45128 Tripod quick-coupling

A camera can be attached to or removed from a tripod more quickly using the Hasselblad quick-coupling. Provided with both $\frac{3}{8}$ " and $\frac{1}{4}$ " sockets, the quick-coupling screws onto the tripod. The camera can then be slid on and locked into place with a twist of the wrist.

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.

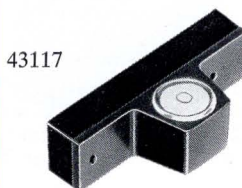


45128

43117 Spirit level

The spirit level is attached to the accessory rail on the left side of the camera and viewed from above. The spirit level is particularly useful in work with 30mm, 40mm, 50mm and 60mm focal length lenses.

For Hasselblad 500C/M, 500EL/M and 2000FC.



43117

40185 Linear mirror unit

The Hasselblad linear mirror unit is used in photocopying when extremely accurate parallel alignment between film plane and subject is essential. By using the linear mirror unit, parallel accuracy can be adjusted to less than two minutes of arc. The linear mirror unit consists of the lens flange mirror 40193 attached in place of the lens on the Hasselblad 500C/M, 500EL/M or 2000FC and a reflecting mirror 40207 placed at the object plane.

40266 Attachment for the Hasselblad exposure meter

This attachment is designed for photographers who wish to use the Hasselblad exposure meter attached to the 500C/M (while still making use of the rapid-winding crank), or the 500EL/M. It is attached to the front of the lens shade with a simple operation.

For the lens shades 80, 110 and 100—250.

40258 Attachment for flash

This attachment simplifies the use of flash-bulbs and flash-cubes. It is quickly attached to the front of the lens shade. The swivel-type shoe can be clicked into different positions.

For the lens shades 80, 110 and 100—250.

46140 Carrying strap

This strap is made of black leather with a rubber insert.

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.

49018 Neck strap

This strap is made of black leather and is adjusted with a simple buckle. A safety spring keeps the catches from slipping off the camera's buttons.

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.

59056 Wide camera strap

A comfortable 2" wide strap. Strap length can be adjusted with a simple buckle. The strap is made of black nylon with a non-chafing, slip-resistant underside. A safety spring prevents the catches from slipping off the camera's strap buttons.

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.

Black focusing screen masks

This mask effectively masks down the focusing screen to the superslide format obtained with the A16S or 16S film magazines. Note! The meter prism finder will not produce accurate light readings with this mask in place.

42153 Black focusing screen mask for 500

C/M, 500EL/M and 2000FC models.
42099 Black focusing screen mask for 500C or 500EL models.

Transparent focusing screen masks

42145 Mask with format marking for the film magazines A16 and 16 (1 5/8 x 2 1/4) and A16S and 16S (1 5/8-square). Used with 500C/M, 500EL/M and 2000FC models.

42080 Mask for the same magazines as mask 42145 but for use with 500C and 500EL models.

42072 Checked screen

This special screen is made of plexiglass and engraved with squares. The outer lines delineate the picture areas for magazines A16, 16, A16S and 16S. The checked screen can be used, for example, for horizontal and vertical picture alignment in architectural photography and photocopying. It is retained on the focusing screen by the focusing hood.

For Hasselblad 500 C and 500EL but *not* the 500C/M, 500EL/M and 2000FC.

51438 Front protective cover

The front protective cover is attached to the camera body's bayonet mount and is made of black plastic.

For Hasselblad 500C/M, 500EL/M and 2000FC.

41041 Rear protective cover

The rear protective cover provides excellent protection when no magazine is attached to the camera.

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.

50369 Front lens cap 50

This black plastic lens cap fits the 80mm Planar C and F, 100mm Planar C, 105mm UV-Sonnar C, 120mm and 135mm S-Planar C, 150mm and 250mm Sonnar C lenses. Bayonet mount. Available in gray plastic upon request.

50385 Front lens cap 63

Made of black plastic, this friction-fit cap fits the 38mm Biogon C and the 50mm and 60mm Distagon C lenses. Available in gray plastic upon request.

51446 Front lens cap 70

This black plastic cap fits the 110mm Planar F lens and the 150mm Sonnar F lens for the Hasselblad 2000FC. Bayonet mount.

50393 Front lens cap Tele-Tessar

This friction-fit cap for the 350mm and 500mm Tele-Tessar C lenses is made of black plastic.



40185



40266



40258



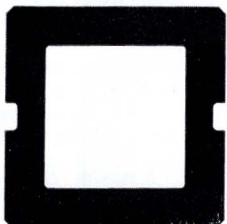
46140



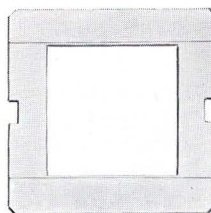
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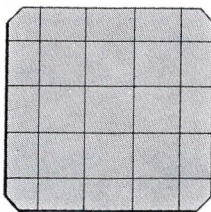
59056



42153



42145



42072



51438



41041



50369



51446



51462

51454 Front lens cap Distagon F 50

This black plastic cap fits the 50mm Distagon F lens for the Hasselblad 2000FC. Friction-fit attachment.

51462 Front lens cap Variogon

The black plastic cap fits the 140—280mm Variogon C and F lenses. Friction-fit attachment.

50563 Front lens cap 104

This black plastic cap is made for the 40mm Distagon C. Bayonet mount.

50709 Front lens cap Distagon C 30

This black plastic cap fits the 30mm Distagon C lens. Friction-fit attachment.

40509 Front lens cap for the automatic diaphragm control unit

Made of black plastic. Bayonet mount.

50377 Rear lens cap

Fits all Hasselblad lenses except the 135mm S-Planar C. Made of black plastic. Bayonet mount. Available in gray plastic upon request.

50571 Rear lens cap 135

For the 135mm S-Planar C. Made of black plastic. Bayonet mount.



50377



50571

SPECIAL ACCESSORIES FOR THE HASSELBLAD SWC



52035

52035 Viewfinder for the SWC

This brilliant optical viewfinder has two functions—it shows the image area and makes it possible to keep a check on the camera's spirit level via the prism. A particularly useful feature when taking hand-held shots.



42048

Masks for SWC Viewfinder

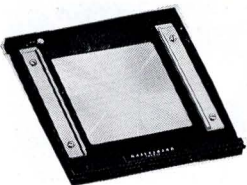
42048 When the mask is in position on the SWC viewfinder, it shows the image area obtained when using magazines A16 and 16.

42056 This mask is similar to the above but shows the picture area obtained with magazines A16S and 16S.

41025 Focusing screen adapter

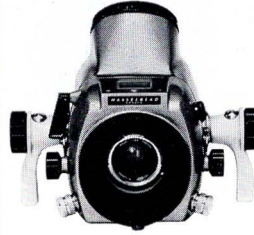
For easy control of picture composition and accurate depth-of-field determination. Incorporating a Fresnel lens, the focusing screen adapter yields a brilliant image out to the edges of the field. It can be combined with magnifying hoods 52094 and 42277 or the standard focusing hood 42021. It is attached to the camera in the same manner as the magazines.

For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.



41025

HASSELBLAD UNDERWATER HOUSINGS



Hasselblad Underwater Housing for 500C/M and SWC

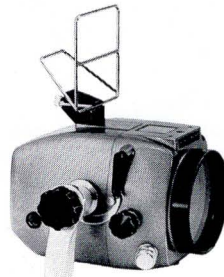
This Hasselblad underwater housing is made of die-cast aluminum. It consists of a front section plus a rear section for the 500C/M or a rear section for the SWC. The housing has a blue enamel finish with yellow hand-grips and black operating controls. The camera's shutter speed, diaphragm and focusing rings, film winding, shutter cocking and shutter release are operated from the outside via knobs. Built-in scale illumination facilitates camera settings. A built-in battery unit makes it possible to use expendable flash with the housing. Prior to delivery, each underwater housing is tested at a pressure corresponding to a depth of 500 ft (150 m).



57339

57339 Hasselblad Underwater Housing for 500C/M

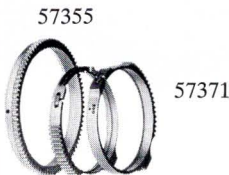
The underwater housing for use with 500 C/M consists of front section 57304 and rear section 57312 with a prism viewfinder. The prism viewfinder facilitates focusing by enlarging the focusing screen image 2 times. This underwater housing is made for the 80mm Planar C lens, but may be used with the 50mm and 60mm Distagon C lenses with the extension set 57495 or 57552 respectively. The housing's weight in water with a standard Hasselblad 500C/M is 60 oz (1.7 kg).



57347

57347 Hasselblad Underwater Housing for use with SWC

The underwater housing for use with the SWC consists of front section 57304 and rear section 57320 with a frame viewfinder for the 38mm Biogon C lens. This version can also be used with the Hasselblad 500 C/M (except with film magazine 70) but must then be equipped with the 57428 film advance adapter for the 500C/M, the 57436 lens support ring for the 80mm Planar C lens plus the 57487 frame viewfinder; if the 50mm and 60mm Distagon C lenses are used, combine with extension set 57495 or 57552 and frame viewfinder 57525 instead. Weight in water with the Hasselblad SWC is 47 oz (1.3 kg).



57355



57363



57304

57398

57304 Front Section for 500C/M and SWC

The front section of the underwater housing has operating controls for shutter speed, diaphragm and shutter release. It also contains the battery unit, a contact for expendable flash and a connection for electronic flash. The front section of the underwater housing is supplied with the following items:

57355 Toothed focusing ring

57363 Toothed diaphragm ring

57371 Toothed shutter speed ring

57398 Pin spanner

57401 Special grease

57312 Rear Section for the 500C/M

This underwater housing's rear section for the 500C/M has a prism viewfinder, handgrips, knob for film advance and shutter cocking, a knob for focusing and a film counter window. This underwater housing's rear section is supplied with the following items:

- 57428 Film advance adapter for the 500C/M
- 57436 Lens support ring for the 80mm Planar C lens
- 57444 Neck strap



57312
57444

57320 Rear Section for the SWC

This underwater housing's rear section has a frame viewfinder for the 38mm Biogon C lens, handgrips, knob for film advance and shutter cocking, a knob for focusing and a film counter window. The underwater housing's rear section for the SWC is supplied with the following items:

- 57452 Film advance adapter for the SWC
- 57460 Shutter release adapter for the SWC
- 57479 Frame viewfinder for the 38mm Biogon
- 57444 Neck strap



57452
57320

57495 Extension Set for the 50mm Distagon C lens (57517 + 57509)

57552 Extension Set for the 60mm Distagon C lens (57517 + 57568)

Since wide-angle lenses are desirable in underwater photography, these extension sets make it possible to use the 50mm and 60mm Distagon C lenses in the underwater housing. The housing port is shifted forward using the 57517 extension ring. An extra 57509 (for Distagon C 50) or 57568 (for Distagon C 60) support ring is then fitted into the underwater housing.

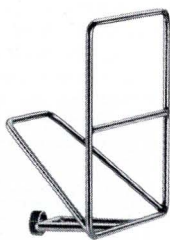


57495

57525 Frame Viewfinder for the 50mm and 60mm Distagon C lenses

57487 Frame Viewfinder for the 80mm Planar C lens

The frame viewfinders are made of heavy-gauge stainless steel. They are fitted to the frame viewfinder support on the underwater housing's rear section for the SWC.



57525

57541 Connector for flash

The connector plug is used to connect expendable or electronic flash to the underwater housing. Intended for 6.4 mm diameter cord.



57541

57533 Correction Lenses for the 38mm Biogon C lens

Correction lenses are available for the 38mm Biogon lens to correct the refraction of light in water. These correction lenses counteract image angle reduction and eliminate resultant distortion. One lens replaces the underwater housing's port and the other is attached to the Biogon lens.



57533

Hasselblad Underwater Housing for the 500EL/M

The Hasselblad underwater housing for the motorized Hasselblad 500EL/M has been designed according to completely new concepts. This long-awaited housing should greatly simplify the work of the underwater photographer.

The underwater housing has a midsection made of thick, acid-resistant steel with gaskets of the same material. These gaskets, combined with O-rings, result in perfect sealing. The large grip rings make it easy to handle the housing in water and on land. The top of the housing has an accessory bridge with attachment sockets for different accessories. Additional sockets can also be drilled. The base of the housing features a small bridge with a $\frac{3}{8}$ " tapped socket.

The interchangeable front and rear domes are made of acrylic plastic with excellent optical properties. Three different lenses can be used in the housing, the wide-angle 60mm Distagon C f/3.5, the 50mm Distagon C f/4 or the normal 80mm Planar C f/2.8. These optics must be used with special correction lenses which produce almost complete restitution of the otherwise reduced angular field in water. The position of the rear dome provides enough space for a film magazine A12, A16, A16S, A24 or 70 on the housed 500EL/M. The magazine frame counter and signal windows can be conveniently seen through this dome.

A special reflex viewfinder is used with the underwater housing for the Hasselblad 500EL/M. The viewfinder is slid onto the camera above the focusing screen. The 1:1 image yielded by that viewfinder can be seen through a rubber eyepiece attached to the rear dome.

The left side of the housing features a large knob for focusing and a smaller one for setting shutter speeds. The right side has a knob for aperture setting and a release arm. The housing has built-in scale illumination and electronics for electronic flash. The camera is removed and inserted with the aid of a quick-coupling.

The underwater housing has been tested down to a depth of 650 ft (200 m). Its weight in water varies from 0—14 oz (0—0.4 kg), depending on the lens and film magazine used. The unit's weight in air with a Hasselblad 500EL/M, 50mm Distagon C f/4 and film magazine 70 is about 27.5 lbs (12.5 kg). Supplied with a special case for storage transport.



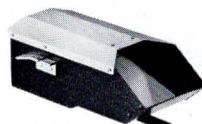
57576



57622 57614



57630



57649



57657 57665 57673



57592 57606 57584

57576 Underwater Housing for 500EL/M is supplied with:

- 57614 Front dome ring
- 57622 Rear dome ring
- 57630 Domes (2)
- 57649 Reflex viewfinder
- 57657 Toothed focusing ring
- 57665 Toothed diaphragm ring
- 57673 Toothed shutter speed ring
- 57401 Special grease
- 57681 Case

Note: Correction lenses are not included and must be ordered separately. See below.

Correction lenses

- 57584 Correction lens for 80mm Planar C f/2.8
- 57592 Correction lens for 50mm Distagon C f/4
- 57606 Correction lens for 60mm Distagon C f/3.5

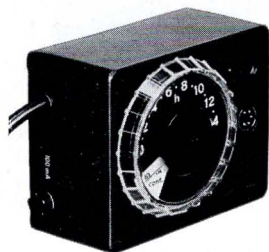

**SPECIAL ACCESSORIES FOR
THE HASSELBLAD 500EL/M**


56022

56022 Recharge unit I

With this unit, batteries can be recharged in the Hasselblad 500EL/M or in battery compartment 43133. The unit is connected to the side socket of the camera or battery compartment with a 3 ft long cable. Charging time is 14 hours for a completely discharged battery, and 28 hours if two batteries are charged simultaneously. The unit has a fixed plug, and it is supplied for 110 volts AC, 60 Hz (American plug), or 220 volts AC, 50 Hz (European plug).

For Hasselblad 500EL/M.



56103

56103 Recharge unit III

With this unit, batteries can be recharged in the Hasselblad 500EL/M or the battery compartment 43133. The unit is connected via connecting cord LK 150 46019 or LK 500 46027 and has a timer which can be preset up to 14 hours, the charging time necessary for a completely discharged battery. If two batteries are charged simultaneously, the charging time is 28 hours. When the preset charging time has elapsed, normal charging current is reduced to a trickle current. The camera can be continuously connected to an AC power source via this unit, when the camera is set up for stationary use (continuous charging), for example. A socket is provided for triggering the camera with release cord SK 150 46086. Supplied for 110 volts AC, 60 Hz (American plug), or 220 volts AC, 50 Hz (European plug).

For Hasselblad 500EL/M.



46280

46302 Power Supply Unit (incl. chrome trim panel 46280)**46310 Power Supply Unit (incl. black trim panel 46299)**

The Hasselblad power supply unit makes the Hasselblad 500EL/M independent of batteries when an AC power source is available. The set consists of an adapter and a motor housing panel in chrome or black. This panel replaces the battery cover on the camera. The unit is attached to the special socket on the panel via a 3 ft long cord which can be extended with the LK 150 46019 or LK 500 46027 connecting cords. Available in models for 110 volts AC, 60 Hz (American plug), or 220 volts AC, 50 Hz (European plug). The motor housing panels can be ordered as separate items.

For Hasselblad 500EL/M.



46299



46027

46019 Connecting cord LK 150**46027 Connecting cord LK 500**

Connecting cords LK 150 (5 ft long) and LK 500 (16 ft long) are mainly intended for connecting recharge unit III to the camera. They can also be used to extend release cord SK 150 46086.

For Hasselblad 500EL/M.



46051

46043 Release cord FK 30**46051 Release cord FK 300****46078 Release cord FK 600**

Release cords for connection to the front sockets of the Hasselblad 500EL/M are available in three lengths: FK 30 which is 1 ft long, FK 300 which is 10 ft long and FK 600 which is 20 ft long. They are fitted with a release button and connector of Hasselblad design. A shock-proof sleeve protects the button from accidental release. For connection to either of the camera's two front sockets.

For Hasselblad 500EL/M.



46086

46086 Release cord SK 150

This cord is 5 ft long and provided with a Hasselblad release button at one end and a standard five-pin plug at the other. The latter fits the camera's side socket or any of the connecting cords. Release cord SK 150 is used in conjunction with connecting cord DK 3000 46035 for remote, cord-triggered release of the camera. It may also be plugged into a special socket on recharge unit III, enabling the camera to be used while the batteries are being charged.

For Hasselblad 500EL/M.



46035

46035 Connecting cord DK 3000

Connecting cord DK 3000 (100 ft long), coupled to release cord SK 150 46086, permits exposures to be made at great distances from the camera. Connectors have a bayonet catch for greater security. Two to six DK 3000's may be interconnected to form a single, long release cord. However, the solid-state amplifier 46124 must be connected in circuit next to the camera when cord length exceeds 100 ft.

For Hasselblad 500EL/M.



46116

46116 Release button

Normal hand-held shots are made using this release button. The button can be fitted to either of the camera's two front sockets.

For Hasselblad 500EL/M.



46124

46124 Amplifier

When connecting cords longer than 100 ft are employed, the use of an amplifier becomes necessary. This solid-state amplifier should be connected between the camera and the first connecting cord.

For Hasselblad 500EL/M.

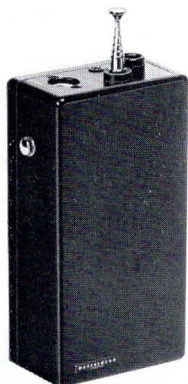


46272

46272 Intervalometer III

The Hasselblad intervalometer III is a handy accessory used to provide the 500 EL/M with exposure impulses at intervals from 2 sec to 14 min. This electronic intervalometer is powered by the camera's batteries. Connected to the camera's side socket with a type LK connecting cord.

For Hasselblad 500EL/M.



56154

56146 Remote radio

The Hasselblad 500EL/M can also be operated by remote radio. The transmitter is used to supply a triggering impulse. Equipment is frequency-modulated, making it especially insensitive to interference from other radio traffic. It is crystal-controlled and intended for a channel in the 27 MHz band. The crystal supplied can be replaced with a crystal for some other channel. Equipment range depends on the terrain and weather conditions but is approx. 1000 ft at unlimited visibility. Both transmitter and receiver have rugged black polystyrene cases. The transmitter is powered by eight 1.5 V cells. It has a battery check lamp, a release button, a release cord socket, swiveling telescopic antenna and strap fastener. The receiver is attached to the accessory rail on a 500EL/M and is powered by the camera's battery. It also features a telescopic antenna.

Hasselblad remote radio equipment is supplied as a set consisting of:

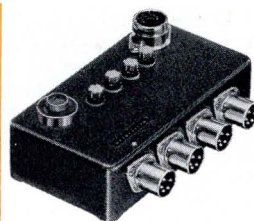
56154 Radio transmitter

56162 Radio receiver

For Hasselblad 500EL/M.



56162

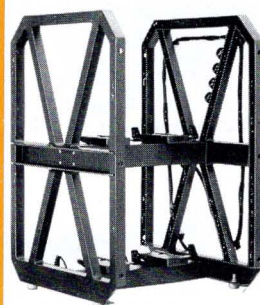


56138

56138 Command unit

This unit is designed for synchronous triggering of two to four Hasselblad 500EL/M cameras, all released with the same impulse signal. Cameras are connected by cords to connector receptacles at the front of the unit. Exposures can be made either directly at the unit (button release), or by cord, intervalometer or radio (connected to the top socket on the unit). Each of the four sockets has a warning light. A continuously lit red light means that the connected camera was not triggered, e.g. because the film ran out. More than four cameras can be exposed simultaneously by interconnecting several command units.

For Hasselblad 500EL/M.



46256

46256 Multi-camera bracket

This 4-camera bracket was originally designed as the prototype of a device for use in multispectral photography, from the air, for example. For four Hasselblad 500EL/M's or photogrammetric MK 70 cameras. The cameras are attached to the bracket using Hasselblad tripod quick-couplings and can be triggered manually, by remote control or synchronously via the Hasselblad command unit. When used with film magazines holding 12 to 500 exposures and interchangeable lenses equipped with different filters, the multi-camera bracket provides scientists with a wide range of photographic options.



30112

30112 Magazine 70/500

The Hasselblad bulk film magazine is loaded with 100 ft (30 m) of standard 70mm double-perforated (type II) film yielding more than 500 exposures. The magazine has its own motor and battery providing maximum working speed with more than one exposure per second. It has two counters, one for the total number of exposures and one for exposure series of varying length. The built-in knife makes it possible to cut off exposed film, which can then be removed when desired.

Supplied with magazine slide 41068, film spool 51047 and battery 1 56081.

For Hasselblad 500EL/M and for the manually operated 500C/M.

Available on special order.



46132

46132 Double handgrip

When the Hasselblad 500EL/M is used for special purposes, the double handgrip provides a firm and comfortable hold. In order to provide good balance when using accessories which may alter the camera's center of gravity, the grips and the camera attachment bracket are both adjustable. A release button built into the right-hand grip incorporates a safety catch to prevent accidental release.

For Hasselblad 500EL/M.



Automatic diaphragm control unit

In certain cases it may be impossible to make continuous manual adjustments in lens settings. The photographer can then use the Hasselblad automatic diaphragm control unit instead of trying to guess at an average exposure to set.

You simply set the film speed and an appropriate shutter speed. The diaphragm control unit's photocell then measures the light level and the aperture ring is rotated to the correct f/stop. Whenever the light level changes, the f/stop is quickly changed automatically by a servo motor controlled by the photocell. Automatic operation can also be disconnected for manual diaphragm setting in the ordinary manner.

The automatic diaphragm control unit is powered by the camera's battery when the unit is used with the Hasselblad 500EL/M or 500EL, and by battery compartment 2 with the battery compartment attached to the camera's accessory rail when used with a Hasselblad 500C/M or 2000FC. The battery can be recharged in the battery compartment with the Hasselblad recharge unit I or III.

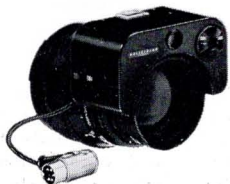
The automatic diaphragm unit is available for four lenses, either attached to one or as a separate unit for attachment to older lenses.



40347



40355



40371



40398



40428 Assembly kit 80 for automatic diaphragm control unit on 80mm Planar C f/2.8



40436 Assembly kit 100 for automatic diaphragm control unit on 100mm Planar C f/3.5



40444 Assembly kit 150 for automatic diaphragm control unit on 150mm Sonnar C f/4

40401

40452 Assembly kit 250 for automatic diaphragm control unit on 250mm Sonnar C f/5.6



46264



43133



56081



55026



56111



46175



46159

46264 Multiple connector

The automatic diaphragm control unit is connected to the side socket of the Hasselblad 500EL/M. When this socket is required for other connections, such as for an intervalometer or remote triggering by connecting cord or radio, the multiple connector is used to permit two simultaneous connections.

43133 Battery compartment 2

This battery compartment holds the battery 55026 powering the automatic diaphragm control unit when a lens with a mounted diaphragm control unit is used with the Hasselblad 500C/M or 2000FC. The battery can also be charged in the battery compartment using a Hasselblad recharge unit.

56081 Battery 1 55026 Battery 2

Battery 1 is a DEAC 5/500 DKZ nickel-cadmium battery without soldering tabs or battery terminals (approx. 35×50 mm) and is used in the Hasselblad 500EL/M.

Battery 2 is a DEAC 5/225 DKZ nickel-cadmium battery without soldering tabs or battery terminals (approx. 26×45 mm) for use in the battery compartment 2 to power the automatic diaphragm control unit.

56111 Fuse

A 1.6 amps 5×20 mm slow blow fuse is used in the Hasselblad 500EL/M.

46175 Socket cap

This plastic socket cap provides excellent protection for the camera's side socket. For Hasselblad 500EL/M.

46159 Key disc

The key disc makes it easy to open and close the camera's battery compartment. For Hasselblad 500EL/M.

HASSELBLAD CASES

58025 Case 503

This case is primarily intended as an ever-ready case for the Hasselblad SWC but also makes an excellent case for the Hasselblad 500C/M or 2000FC with a 80mm Planar C or F lens. Made of soft durable leather, it is attached to the camera by the neck strap. The case has a zipper so the camera is ready for action in seconds. Dimensions: approx. 7 $\frac{3}{4}$ "×4 $\frac{3}{4}$ "×4 $\frac{3}{4}$ " (185×120×110 mm).



58025

58203 Case 505

A rugged ever-ready case for the Hasselblad 500C/M or 2000FC with various lenses but no separate accessories. It is made of black leather and has a special connector for simple attachment and detachment of the camera. It will hold:

a 500C/M with film magazine, knob with exposure meter and alternatively an 80mm Planar C, 100mm Planar C, or 60mm Distagon C with lens shade or the 50mm Distagon C, 120mm S-Planar C or 150mm Sonnar C without lens shade; a 2000FC with film magazine and alternatively an 80mm Planar F with lens shade, 110mm Planar F or 150mm Sonnar F. C lenses fitted to the 2000FC in the same combination as for 500C/M above.

Dimensions: approx. $9\frac{1}{2}'' \times 5'' \times 4\frac{3}{4}''$
(240×125×120 mm).

For Hasselblad 500C/M and 2000FC.



58203

58211 Case 506

A soft black case made of rugged leather for the Hasselblad 500C/M or 2000FC. It holds the same combinations of camera, lens and lens shade as case 505 above. The case is attached to the camera via a neck or carrying strap and is opened with a zipper.

Dimensions: approx. $9\frac{3}{4}'' \times 4\frac{1}{4}'' \times 4\frac{1}{2}''$
(250×110×115 mm).



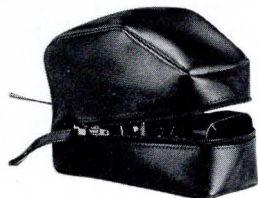
58211

58238 Case 507

A soft black case made of rugged leather. It is taller than the case 506 and has space for a Hasselblad 500C/M or 2000FC with a meter prism finder attached, standard lens and lens shade. It can also serve as a case for the 500EL/M.

The case is attached to the camera via a neck or carrying strap and is opened with a zipper.

Dimensions: approx. $9'' \times 5'' \times 6\frac{1}{2}''$
(225×130×165 mm).



58238

58246 Case 521

An elegant and practical suède-lined cowhide carrying case. It can hold a Hasselblad 500C/M, 500EL/M or 2000FC with an 80mm Planar C or F lens, film magazines and lens shade respectively. A movable partition in the case makes space for a meter prism finder attached to a 500C/M or 2000FC. The 50mm Distagon C or F and 60mm Distagon C lenses with lens shades, the 120mm S-Planar C, 150mm Sonnar C and F lenses without shades can also be packed instead of the 80mm Planar. There are also three compartments for accessory lenses, such as the 50mm or 60mm Distagon C, 110mm Planar F, 120mm S-Planar C, 150mm Sonnar C or F and 250mm Sonnar C with lens shades, and compartments for a spare film magazine, small accessories and rolls of film.

Dimensions: approx. $15'' \times 9'' \times 5''$
(380×225×130 mm).

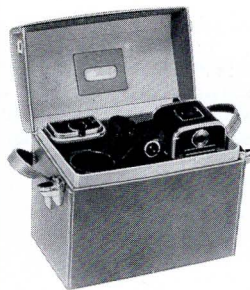


58246

58254 Case 525

A practical and convenient shoulder bag made of suède-lined cowhide. Despite its small size, this case will hold a lot of equipment. A holder is provided for a 500C/M or 2000FC (even with the meter prism finder attached) or a 500EL/M plus standard lens and lens shade or a 100mm Planar C, 110mm Planar F, or 60mm Distagon C. There is also space for two extra lenses, such as the 150mm Sonnar C or F or 250mm Sonnar C, a spare magazine, some small accessories and rolls of film.

Dimensions: approx. $10\frac{1}{2}'' \times 9\frac{1}{2}'' \times 6\frac{3}{4}''$
(270×240×160 mm).

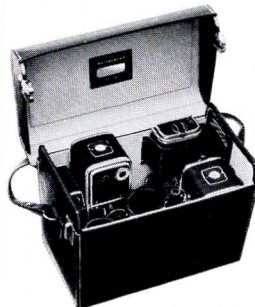


58254

58076 Case 518

This sturdy case is designed for the press photographer. It has special holders for two Hasselblad cameras. It also holds extra magazines, several lenses, viewfinders, film, etc. The case has a roomy outside pocket.

Dimensions: approx. $14\frac{1}{4}'' \times 10\frac{1}{2}'' \times 8\frac{3}{4}''$
(360×265×220 mm).

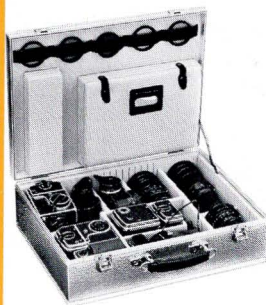


58076

58149 Aluminum Case 612

This Hasselblad case is made of hardened aluminum. A rubber gasket in the grooved aluminum trim around the opening provides a weather-tight seal, protecting case contents against dust and rain. Ideal for tropical climates. The internal partitions are adjustable, to allow Hasselblad cameras and accessories to be stored in various combinations. The photo shows one layout. Weight: 9 lb 15 oz.

Dimensions: approx. $18'' \times 13\frac{3}{4}'' \times 5\frac{1}{2}''$
(460×350×140 mm).

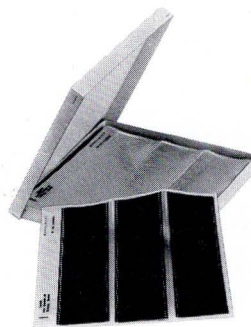


58149

59048 File for 70 mm film

This Hasselblad file is specially made for 70 mm film. This wider-than-ordinary film size is difficult to file neatly unless clipped into convenient strips. Each Hasselblad file sheet has pockets with space for three four-frame strips. File sheets have a transparent front and a matt-surface back, making it easy to check film without removing it from the protective pockets. An especially useful feature when dealing with transparencies, i.e. reversal color film. File sheets are available in 50-sheet cartons. These cartons, which are labeled for storage identification, can hold 50 file sheets containing film.

Sheet size: approx. $10\frac{1}{2}'' \times 10\frac{1}{2}''$
(265×265 mm).

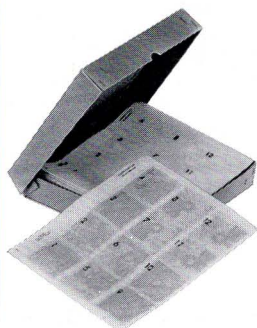


59048

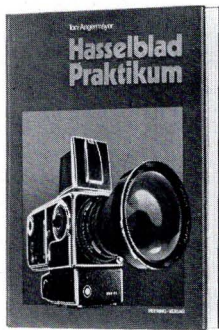
59013 File for 120/220 film

This Hasselblad film file provides an elegant solution to the problem of storing 120 and 220 roll film. Each filing sheet has space for 12 film frames, i.e. one roll of 120 film or a half roll of 220. Film is clipped into four-frame lengths and inserted into the sheet's numbered pockets. The translucent paper makes it easy to identify filed film. Transparencies, i.e. reversal color film, can also be conveniently stored in this negative file. Filing sheets are available in 100-sheet cartons. The cartons, which are labeled for storage identification, can hold 100 sheets containing film.

Sheet size: approx. $9'' \times 10\frac{3}{4}''$
(230×270 mm).

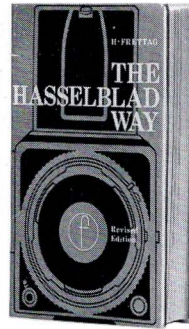


59013



Hasselblad books

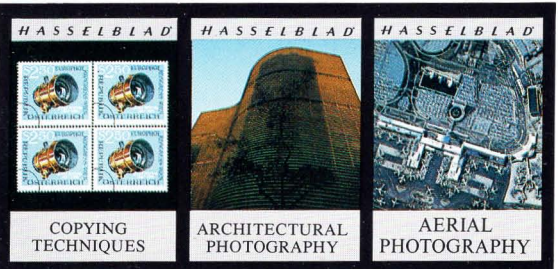
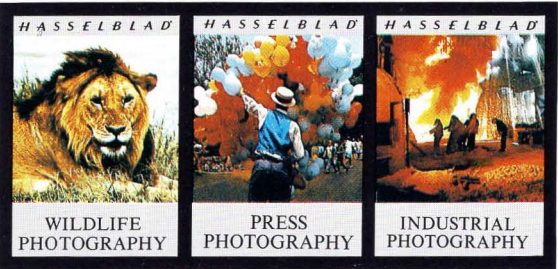
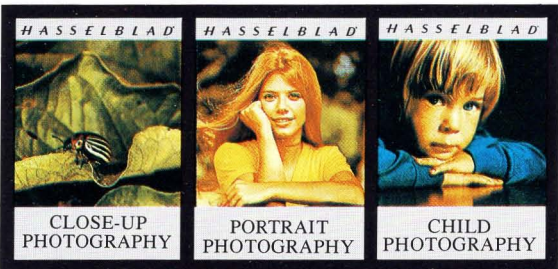
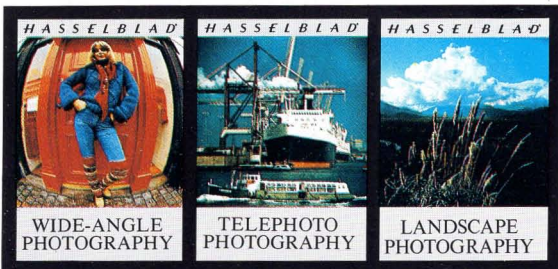
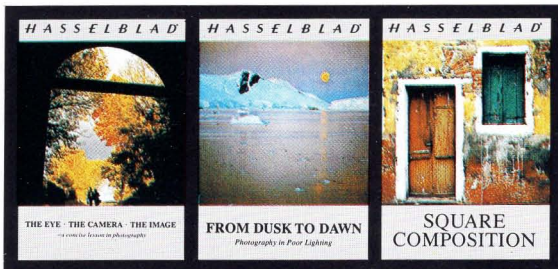
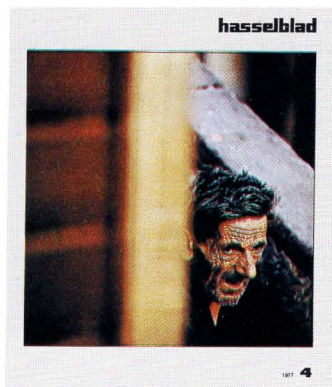
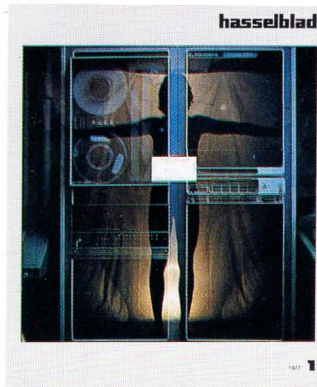
The German book, "Hasselblad Praktikum", written by the German photographer Toni Angermayer, is only available in German. Angermayer has been a Hasselblad photographer for 20 years and has a thorough knowledge of the Hasselblad system and its possibilities.



The well-known German writer Heinrich Freytag has written "The Hasselblad Way", covering the fundamental functions and applications of the entire Hasselblad system. Both books provide expertly drawn technical illustrations and photographs.

TABLE OF CONTENTS

Amplifier	21	Gelatin filters, holder for	13
Batteries 1 and 2	22	Handles for quick-focusing	16
Battery compartment	22	Hasselblad books	24
Bellows extension	12	HASSELBLAD 500C/M	2
Bellows extension, lens shade for	12	HASSELBLAD SWC	3
Brackets, flash-gun	16	HASSELBLAD 500EL/M	4
Bracket, multi-camera	21	HASSELBLAD 2000FC	5
Cap, socket	22	Intervalometer III	21
Cases	22, 23	Knob with exposure meter	16
Command unit	21	Lens caps	17, 18
Connector, intermediate	15	Lens flange	13
Connector, multiple	22	Lens mount adapter	13
Copy-holder, transparency	13	Lens shades	13
Cords, connecting	15, 20	Lens shade, Professional	13
Cords, release	20	Lenses	6, 7, 8, 9
Covers, protective	10, 17	Lenses, multi-prism	14
Crank, quick-winding for film magazines	10	Lenses, Proxar	12
Crank, rapid-winding	16	Magazines	10, 11, 21
Diaphragm control unit, automatic	22	Magazines for Polaroid film	10, 11
Diaphragm control unit, assembly kits for	22	Magazine slides	10, 11
Disc, key	22	Magnifying hood	12
Double handgrip	21	Masks for focusing screens	17
Exposure meter	16	Masks for viewfinders	12, 18
Exposure meter, attachment for	17	Microscope adapter	13
Extension arm, for flash- gun bracket	16	Microscope shutter	13
Extension tubes	12	Mirror unit, linear	17
File for 120/220 film	23	Mounts, glassless filter	15
File for 70 mm film	23	Pistol grips	16
Film cassette, film magazine 70	10	Platform gunstock	16
Film cutter	11	Power supply unit	20
Filter adapter ring	15	Radio control equipment	21
Filters	14, 15	Recharge units I and III	20
Filters, light balance	14, 15	Release adapter	12
Filters, polarizing	14	Release button	21
Finder, meter prism	12	Ringlight	15
Flash-holder, adjustable	16	Screen, checked	17
Flash-holder, attachment for	17	Sheet film adapter	11
Flash-shoe, adjustable	15	Sheet film holder	11
Focusing screen adapter	18	Softars	14
Focusing screens with central grid 1	11	Spirit level	16
Focusing screens, checked, with central grid 2	11	Straps	17
Focusing screens with split image rangefinder	11	Tripod, quick-coupling	16
Fuse	22	Underwater Housings & accessories ..	18, 19
		Viewfinder, frame	12
		Viewfinders, prism	11
		Viewfinder, sports	12
		Viewfinder for SWC	18



Hasselblad House Magazine

The Hasselblad House Magazine is a forum for Hasselblad photographers all over the world. It is published in 3 languages, English, German and Swedish. The Magazine presents the best work of leading photographers. The full-page photos in color and black & white are often accompanied by entertaining and informative articles by and about the people who took the pictures. You also get the latest news about the Hasselblad system, technical information and tips from other Hasselblad owners. No less than 36 feature-packed pages four times a year, right in your mailbox! A 1-year subscription only costs a mere US\$ 7. Ten of the best issues from previous years have also been collected into a special package costing US\$10. Just fill in the coupon and send it to us with a remittance (a check may be the most convenient form of payment for you) covering the cost of your order.

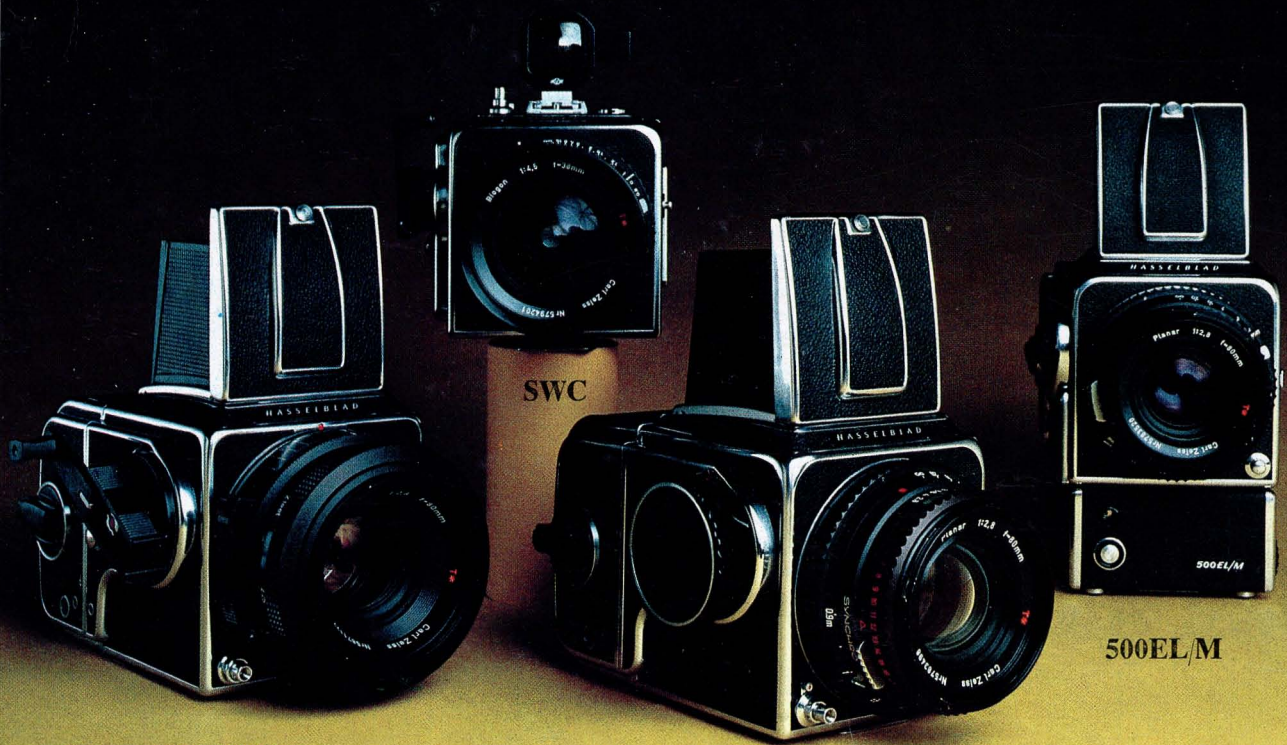
Free Hasselblad publications

Would you like to know more about wide-angle photography? How about a concise lesson in photography (The eye, the camera, the image)? Or about photography in poor lighting (From dusk to dawn)? Or square composition? A series of Hasselblad booklets is available on these and a range of other subjects, such as landscape, portrait, child, wildlife, press, architectural, industrial, copying, telephoto and aerial photography.

The authors are all photographic experts who show you in words and pictures how to use the Hasselblad system for tackling a wide range of assignments. The booklets, all richly illustrated with color and black & white photographs, are available in six different languages: English, German, French, Italian, Spanish and Swedish. The booklet you want may be out of stock in one of the languages, so please indicate your first and second language choice by ticking the appropriate box. A booklet may unfortunately be out of stock in all the languages when demand is unexpectedly great. In such cases it's impossible to say just when the booklet may be reprinted. But any copies in stock of the printed matter desired will be sent to you immediately free of charge. Don't forget to fill in your name and address in the right place on the coupon.

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2000FC

500C/M

500EL/M