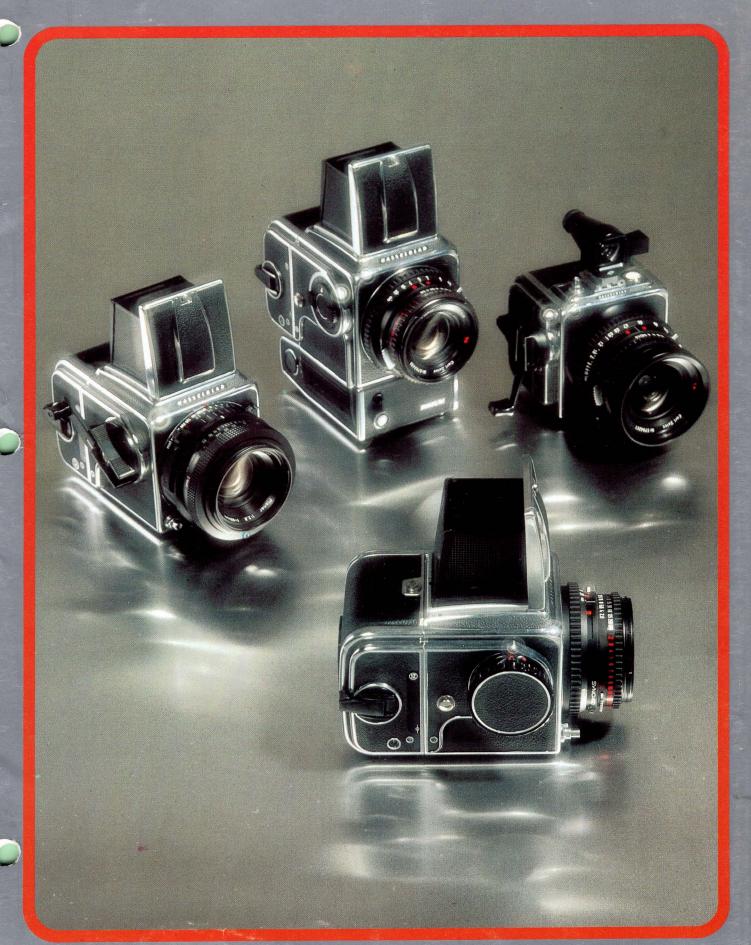
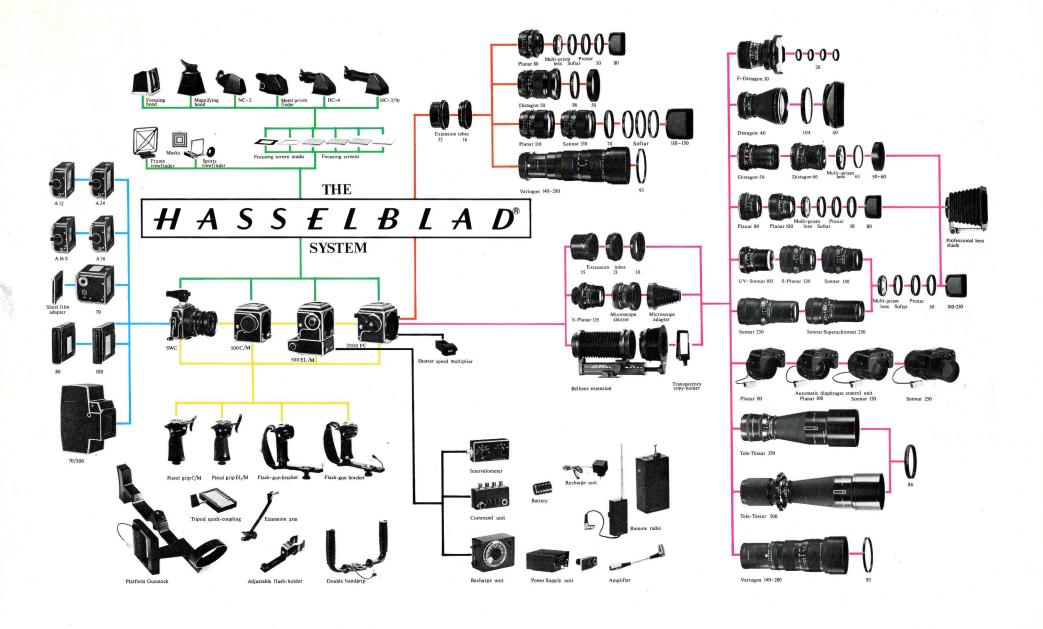
HASSELBLAD













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 300 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 22 interchangeable lenses in focal lengths from 30 to 1000 mm with angular fields from 180° to 4.5°. 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 without 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. Five interchangeable focusing screens with different characteristics make focusing a true snap.

The automatic bellows extension is a major new item in this year's catalog. A new transparency copyholder, plus accessories, is available for it. Other new items are Softars for F-lenses with 70mm accessory mount, a flashgun bracket for the Hasselblad 500EL/M, a shutter speed multiplier for the Hasselblad 2000FC and a 1000mm Mirotar lens for the same camera.

0500C/M

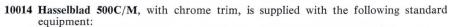


HASSELBLAD 500C/M

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, view-finders 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 $6\frac{1}{2}\times4\frac{1}{4}\times4$ in (170×109×104 mm). The Hasselblad 500C/M is available with black trim or chrome trim.



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 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



MOSWC



HASSELBLAD SWC

The 21/4×21/4 Hasselblad SWC is a wide-angle camera in the Hasselblad system. Its standard film magazine is identical to the ones 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 3/8" and 1/4" tripod sockets. Weight 46.2 oz (1310 g). Dimensions $6 \times 4 \times 5\frac{1}{4}$ in $(153 \times 108 \times 134 \text{ mm})$.

Max. aperture Focal length

f/4.538 mm 90°

Angle of view, diagonal horizontal

72° 8 (multicoated) 12 in (0.3 m)— ∞

No. of lens elements Focusing range Synchro-Compur shutter Diaphragm

B, 1—1/500 s f/4.5—22

Synchronization Self-timer

M and X

Accessory mount

Series 63 filters

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

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



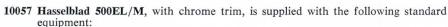


20500 £L/M

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 $12\ 2\frac{1}{4}\times2\frac{1}{4}$ 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 $6\frac{3}{4}\times4\times5\frac{3}{4}$ in $(170\times100\times147\ mm)$. The Hasselblad 500EL/M is available with black trim or chrome trim.



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

42161 Standard focusing screen

56022 Recharge unit I

56081 Battery (1)

43036 Cable hook 51438 Front protective cover 41041 Rear protective cover

46140 Carrying strap

56111 Fuses (2)

46159 Key disc

46175 Socket cap 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.

12000 FC



HASSELBLAD 2000FC

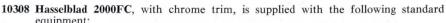
The Hasselblad 2000FC is a newcomer to the Hasselblad system. It is a $2\frac{1}{4} \times 2\frac{1}{4}$ single-lens reflex camera featuring a focal plane shutter with speeds from 1-1/2000 s and B. Rapid shutter curtain operation makes flash synchronization possible at 1/90 s. The non-vignetting mirror 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 %" tripod socket. Weight 53 oz (1500 g). Dimensions $7\times4\%$ $\times4$ in $(180\times110\times104$ mm). The Hasselblad 2000FC is available in models with chrome trim or black trim.



- 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



C-LENSES



20176

20176 Zeiss 30mm F-Distagon C f/3.5 T* "fish-eve")

Wide-angle lens for Hasselblad 500C/M, 500EL/M and 2000FC

Max. aperture f/3.530 mm Focal length 180° Angle of view, diagonal 112° horizontal 9 (multicoated)

No. of elements Focusing range $11\frac{1}{2}$ in $(0.3 \text{ m})-\infty$ f/3.5—22

Diaphragm B, 1-1/500 sSynchro-Compur shutter M & X at all Synchronization shutter speeds

Series 26 filters Accessory mount 481/4 oz (1370 g) Weight 41/4 in (115.5 mm) Length

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 Zeiss 40mm Distagon C f/4 T*

horizontal

Supplied in case 58114 with front lens cap

Max. aperture

No. of elements

Focusing range

Synchronization

Accessory mount

Diaphragm

Weight

Length

Angle of view, diagonal

Synchro-Compur shutter

50563 and rear lens cap 50377.

Focal length

Wide-angle lens for Hasselblad

500C/M, 500EL/M and 2000FC

40 mm

f/4 - 32

B, 1-1/500 s

M & X at all

shutter speeds

Series 104 filters

 $48\frac{1}{2}$ oz (1375 g)

5 in (124.5 mm)

889

69°



20206

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

Max. aperture f/3.560 mm Focal length Angle of view, diagonal 66° 50° horizontal

No. of elements 7 (multicoated) 2 ft (0.6 m)— ∞ Focusing range Diaphragm f/3.5-22B, 1-1/500 s Synchro-Compur shutter M & X at all Synchronization shutter speeds

Series 63 filters Accessory mount 223/4 oz (645 g) Weight 31/4 in (85 mm) Length

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



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



20028

Max. aperture f/2.880 mm Focal length 52° Angle of view, diagonal

38° horizontal 7 (multicoated) No. of elements Focusing range 3 ft (0.9 m)-Diaphragm f/2.8-22Synchro-Compur shutter B. 1-1/500 s M & X at all

Synchronization shutter speeds Series 50 filters Accessory mount 16½ oz (465 g) Weight 2 in (51.7 mm) Length Supplied with front lens cap 50369 and rear

lens cap 50377.



50377.

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



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16 / 25 3 4 8 6 00

20036

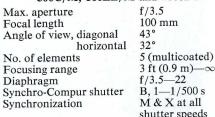
20044

Max. aperture f/450 mm Focal length Angle of view, diagonal 75° 58° horizontal 7 (multicoated) No. of elements Focusing range 19 in (0.5 m)— ∞ f/4 - 22Diaphragm B, 1—1/500 s Synchro-Compur shutter M & X at all Synchronization shutter speeds Series 63 filters Accessory mount 31 oz (885 g) Weight Length 4 in (100 mm) Supplied with filter retaining ring 63 50350,

front lens cap 50385 and rear lens cap

20125

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



lens cap 50377.

M & X at all shutter speeds Series 50 filters Accessory mount $21\frac{1}{2}$ oz (610 g) Weight 2½ in (62 mm) Length Supplied with front lens cap 50369 and rear 20133 Zeiss 105mm UV-Sonnar C f/4.3 Special-purpose lens for Hasselblad 500C/M, 500EL/M and 2000FC

Max. aperture f/4.3107.2 mm Focal length Angle of view, diagonal 41° 30° horizontal No. of elements Focusing range 6 ft (1.8 m)— ∞ Diaphragm f/4.3-32B. 1-1/500 s Synchro-Compur shutter Synchronization M & X at all shutter speeds Series 50 filters Accessory mount Weight $23\frac{1}{2}$ oz (670 g) Length $3\frac{1}{2}$ in (87 mm)

Designed for use within a wavelength range of 215—700 m μ (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/4Focal length 150 mm Angle of view, diagonal 30° 21° horizontal No. of elements 5 (multicoated)

5 ft (1.4 m)-Focusing range f/4—32 B, 1—1/500 s M & X at all Diaphragm Synchro-Compur shutter Synchronization shutter speeds

Series 50 filters Accessory mount Weight 25 oz (710 g) 3¾ in (96 mm) Length

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



20133

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

Max. aperture f/5.6Focal length 120 mm Angle of view, diagonal 26° }at ∞ 36° horizontal 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 22½ oz (640 g) Weight

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

 $3\frac{1}{2}$ in (86.5 mm)



20079

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

Max. aperture f/5.6250 mm Focal length Angle of view, diagonal 18° horizontal 13°

No. of elements 4 (multicoated) Focusing range 8½ ft (2.5 m)-Diaphragm f/5.6-45B, 1-1/500 s Synchro-Compur shutter Synchronization M & X at all

shutter speeds Accessory mount Series 50 filters Weight 32¾ oz (930 g) 6 in (156 mm) Length

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



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

Max. aperture f/5.6250 mm Focal length 18° Angle of view, diagonal horizontal 13° No. of elements 9 ft (2.8 m)— ∞

Focusing range Diaphragm Synchro-Compur shutter Synchronization

Accessory mount Weight Length

shutter speeds Series 50 filters 26¾ oz (760 g) 6 in (155 mm)

f/5.6-45

B, 1-1/500 s

M & X at all

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 Super-achromat lens is ideal for scientific work, The Superespecially in the field of multispectral photography.

It has a spectral range of $400-1000 \text{ m}\mu$, making focusing compensation unnecessary when working in infrared light.

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



lens cap 50571.

Length

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



20117

Max. aperture f/5.6Focal length 135 mm 32° | at ∞ Angle of view, diagonal horizontal No. of elements 7 (multicoated) Focusing range with bellows extension 40223 21 in (535 mm) f/5.6-45Diaphragm B, 1—1/500 s Synchro-Compur shutter M & X at all Synchronization shutter speeds Series 50 filters Accessory mount Weight 193/4 oz (560 g) Length 31/4 in (85 mm) Supplied with front lens cap 50369 and rear





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

Max. aperture f/5.6Focal length 140-280 mm 16-30° Angle of view, diagonal 11—22° horizontal No. of elements 17 in 14 groups (multicoated) Focusing range, normal 8.2 ft $(2.5 \text{ m}) - \infty$ Closest subject-to-film

plane distance: 3.5 ft 8 ft + macro mode $(107 \text{ cm}) - \infty$ f/5.6—45 Diaphragm B, 1-1/500 s Synchro-Compur shutter Series 93 filters Accessory mount

Weight

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 $2\frac{1}{4} \times 2\frac{1}{4}$ single-lens reflex camera.

66 oz (1870 g)

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 specialpurpose 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.



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

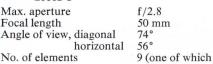
Max. aperture f/8 Focal length 500 mm Angle of view, diagonal 90 6.5° horizontal No. of elements 5 (multicoated) Focusing range 28 ft (8.5 m)— ∞

Diaphragm f/8 - 64B, 1—1/500 s Synchro-Compur shutter Synchronization M & X at all shutter speeds Series 86 filters Accessory mount

Weight 75.1 oz (2130 g) Length $12\frac{1}{2}$ in (316 mm) Supplied in case 58084 with front lens cap 50393, rear lens cap 50377, lens shade 50407

F-LENSES

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



floating, multicoated) Focusing range 1 ft (0.32 m)-Diaphragm f/2.8-22Accessory 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.

20427



20184 Zeiss 350mm Tele-Tessar C f/5.6 T* Telephoto lens for Hasselblad

500C/M, 500EL/M and 2000FC Max. aperture f/5.6350 mm Focal length Angle of view, diagonal 13 horizontal No. of elements 4 (multicoated) 16½ ft (5 m)-Focusing range Diaphragm f/5.6-45 Synchro-Compur shutter B, 1-1/500 sM & X at all Synchronization shutter speeds Accessory mount Series 86 filters Weight 51.1 oz (1450 g) 9 in (225 mm) Length

Supplied in case 58165 with front lens cap

50393, rear lens cap 50377 and lens shade

50407.

20184



20400

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

Max. aperture f/2.880 mm Focal length Angle of view, diagonal 51° horizontal 37°

No. of elements 7 (multicoated) 2 ft (0.6 m)-Focusing range Diaphragm f/2.8-22Accessory mount Series 50 filters 16.2 oz (460 g) Weight Length 2.4 in (60 mm)

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



20419

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

f/2.0Max. aperture Focal length 110 mm Angle of view, diagonal 39° 28° horizontal

No. of elements 7 (multicoated) Focusing range 2.6 ft $(0.8 \text{ m}) - \infty$

Diaphragm f/2.0-16Accessory mount Series 70 filters 26.5 oz (750 g) Weight Length 3.4 in (87 mm)

Supplied with front lens cap 51446 and rear lens cap 50377.



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

Max. aperture f/2.8Focal length 150 mm 30° Angle of view, diagonal 21° horizontal No. of elements 5 (multicoated)

Focusing range 4.6 ft (1.4 m)— ∞ f/2.8—22 Diaphragm Series 70 filters Accessory mount 24 oz (680 g) Weight Length 3.4 in (87 mm)

Supplied with front lens cap 51446 and rear lens cap 50377.



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

Max. aperture f/5.6140-280 mm Focal length Angle of view, diagonal 16-30° 11-22° horizontal 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 - 32Series 93 filters Accessory mount 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 specialpurpose 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.



20443



20451



20451 Zeiss 1000mm Mirotar F f/5.6 Mirror telephoto lens for Hasselblad 2000FC

Max. aperture f/5.61000 mm Focal length Angle of view, diagonal 4.5° No. of elements 39 ft $-\infty$ Focusing range None. Neutral Diaphragm density filters equivalent to f/5.6, f/8 and f/11 Approx. 36.3 lb Weight (16.5 kg)Length 16.5 in (420 mm) 9.8 in (250 mm) Diameter

The 1000mm f/5.6 Zeiss Mirotar F has the longest focal length of all the lenses in the Hasselblad system. It is a mirror telephoto optic with the same basic design as an astronomical telescope. Since the optical system largely consists of mirrors, it has been possible to eliminate many of the optical problems arising in long focal length designs when light is transmitted through glass elements.

The Mirotar has no chromatic aberrations. This means that the lens displays exceptional resolving power, and no focus compensation is required for photography in infrared light. The lens also has little distortion. Its relatively fast speed (f/5.6) is a major asset, particularly when lighting conditions are

Available only on special order.



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

The film magazine A12 provides 12 $2\frac{1}{4}$ × 21/4 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.



30066 30139

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 $2\frac{1}{4} \times 2\frac{1}{4}$ 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 Magazine slide

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



41068

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, 2 and 70.



41076

30120 Hasselblad magazine 80 for Polaroid film

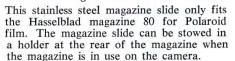
This magazine is often essential to the studio photographer in obtaining fast checks on lighting and composition. Any shortcomings are quickly disclosed. The amateur photographer should also find it a useful accessory. Both Type 87 (3000 ASA) black & white film packs and Type 88 (75 ASA) color packs fit this magazine. Neutral density filters are available for use with the high speed black & white Polaroid film. See page 15. Format: 21/4-square. Supplied with magazine slide 41106 and protective cover 41114.





30120

41106 Magazine slide for the Polaroid film magazine 80





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.



The film magazine A16 provides $16.1\% \times 2\%$ 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

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



30155

30082

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

The film magazine A16S provides 16 15/8× 15/8 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 18).

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 $2\frac{1}{4} \times 2\frac{1}{4}$ exposures on 220 roll film. It has a crank for film winding with an automatic stop at the first frame, a counter with auto-matic 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

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

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 $2\frac{1}{4}$ -square. Supplied with magazine slide 41122.

30198 Hasselblad magazine 100

for Polaroid film

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



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.



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.



51012 Sheet film holder

A single-sided film holder for sheet film and plates. $2\frac{1}{2} \times 3\frac{1}{4}$ film can be trimmed to $2\frac{1}{2} \times 2\frac{1}{2}$ with the Hasselblad film cutter 41092.



41092 Film cutter

This film cutter has been designed to facilitate trimming sheet film to $2\frac{1}{2} \times 2\frac{1}{2}$ (2\frac{1}{4} $\times 2\frac{1}{4}$ image field). Extremely easy to use, it protects film from finger marks and greatly simplifies film trimming.



42285 Interchangeable fine-line focusing

A focusing screen with more closely spaced Fresnel lines (13.3/mm) than the standard focusing screen (8/mm).

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



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.



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 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 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.



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 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 Prism viewfinder HC-4

The viewfinder's superb optical system provides a bright, unreversed image magnified 3 times. The viewfinder has an ocular focusable \pm 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 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

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



50296 Proxar 0.5/50 50318 Proxar 1.0/50 50326 Proxar 2.0/50

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 $17\frac{1}{4}$ " — $24\frac{1}{4}$ " (43.5—61.7 cm). Proxar 1.0 provides a focusing range of $22\frac{1}{4}$ " — $42\frac{1}{2}$ " (55.8—107 cm).

Proxar 2.0 provides a focusing range of $26\frac{3}{4}$ " $-83\frac{3}{4}$ " (68–213 cm). Proxar 1.0+0.5 provide a focusing range of

 $14\frac{1}{2}$ "— $18\frac{1}{4}$ " (36.9—46.2 cm). Proxar 1.0+2.0 provide a focusing range of

 $19\frac{1}{2}$ "— $31\frac{1}{2}$ " (49.2—79.5 cm).

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



52094

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





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 an 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)



43109

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).



40029

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 ar 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 10mm and 16mm extension tubes may not be connected immediately adjacent to the 135mm S-Planar C lens.



40517 Automatic bellows extension

The Hasselblad automatic bellows extension interconnects camera body and lens mechanisms. So you can work in the same way as if the lens were attached to the camera. Extension length is conveniently altered with knobs. The extension range is from $2\frac{1}{2}$ " to 8" (6.35 cm to 20.2 cm). The bellows extension, combined with the specialpurpose 135mm S-Planar C, enables you to work from infinity down to 1:1.

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



40525 Lens shade for automatic bellows extension

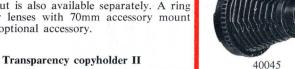
A compendium lens shade with adjustable extension is available for the automati bellows extension. It is fitted with flanges to accept Hasselblad transparency copyholder enabling you to copy and duplicate slides and negatives. Supplied with lens mounting ring 50 (40592).

40525



40592 Lens mounting ring 50 40614 Lens mounting ring 70

A lens mounting ring 50 for lenses with a 50mm accessory mount is supplied with the lens shade for the automatic bellows extension but is also available separately. A ring 70 for lenses with 70mm accessory mount is an optional accessory.



40533 Transparency copyholder II

The Hasselblad transparency copyholder II is used in the copying and duplication of transparencies and negatives. It is attached to flanges on the lens shade for the automatic bellows extension. Electronic flash is the recommended light source. Hasselblad light balance filters are the best means of correcting color temperature.

For automatic bellows extension for Hasselblad 500C/M, 500EL/M and 2000FC.



In certan instances, lens shade extension may not be sufficient in the copying of transparencies, depending on the framing desired. This ring makes it possible to increase extension by 3.2 in.

40622 Lens support rod 296

The lens shade is supplied with an interchangeable support rod 216. A longer support rod, the 296, may be required when the extension ring 40630 is used.

40223 Bellows extension

This 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 $2\frac{1}{2}$ " 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.

50504 Lens shade for bellows extension

A lens shade for the bellows extension 40223. It can also be used as an adapter accepting the Hasselblad transparency copyholder I 50490.

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.

50490 Transparency copyholder I

This Hasselblad transparency copyholder 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.



40169

40037

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.

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

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.

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.





40630



40622





50504



46213



50490



40584



40126



40576



50776



40495

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.

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.

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.

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 120-150mm lenses

40312 Mask for 250mm lenses

50776 Open L-connector

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.



50539 50520 50512

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 discs.

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



51527 Softar I/70 51535 Softar II/70 51543 Softar III/70

Softars with the same properties as the series 50 above.

For 70mm accessory mount lenses for Hasselblad 2000FC.



50687 50679

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



50695

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 50652 conversion filter* $3 \times \text{Or}57-1.5$ 2 × B11-1

50660 compensation glass

* for using daylight type film in artificial light.



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 suedefinished cowhide pouches.

Pouches can also be ordered separately.

Series 50 filters

These filters are 50 mm 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

CAPOST	ite value reduction,	III L	mai	OI	uci.
50016	yellow	50	1.5	\times	Y-0.5
50024	yellow-green	50	2	X	YG-1
50032	green	50	3	X	G - 1.5
50040	orange	50	4	X	0-2
50059	red	50	6	X	R-2.5
50067	haze	50	1	X	HZ-0
50083	gray	50	4	X	Gr—2
50784	gray (neutrdensity)	50	8	X	Gr-3
50717	gray (neutrdensity)	50	64	X	Gr—6

Light balance filters series 50

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

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	$1 \times$	CR 3 —0	
50229	50	$1.4 \times$	CR 6 —0.5	
			CT 4 # 0	

50237 50 1 \times CB 1.5-0 50245 50 1.4 \times CB 3 -0.550253 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 63 mm 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

Engraved designations provide the same in-

TOTTILA	tion as on the series	20	1111	ers	
	yellow	63	1.5	$5\times$	Y - 0.5
50806	yellow-green	63	2	X	YG-1
50113	green	63	3	X	G - 1.5
50121	orange	63	4	X	0-2
50148	red	63	6	X	R-2.5
50156	haze	63	1	X	HZ-0
50164	diffusion	63	DI	F 1	
50792	gray (neutrdensity)	63	8	×	Gr—3
50768	gray (neutrdensity)	63	64	X	Gr—6

Light balance filters series 63

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

30014	set	OI	O	riite	rs	as	bei	ow:
50822	63	1	×	CR	1.	5-	-0	(skylight)

 $50830 \ 63 \ 1 \times CR \ 3 \ -0$

50849 63 1.4× CR 6 —0.5 50857 63 1 × CB 1.5—0

50865 63 1.4× CB 3 —0.5

 $50873 63 2 \times CB 6 -1$

50881 63 2 \times 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).



51349

Light balance filter series 70

Series 70 filters

series 63 filters. 51306 yellow

51314 green

51330 red

51349 haze

51322 orange

Series 86 filters

50741 yellow 50911 green

50172 orange

50180 haze

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

These filters are 86 mm 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 at-

tached to the lens by the external thread.

Additional filters or a lens shade can be

screwed into the internal thread.

These filters are 70 mm 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

70 1.5× Y-0.5

 $70 \ 3 \ \times G - 1.5$

70 6 \times R—2.5

70 1 \times HZ-0

86 2 × Y—1 86 3 × G—1.5 86 5 × Or—2.5

86 1 \times HZ-0

 $70.4 \times O_{-2}$

 $51357 \ 70 \ 1 \times CR \ 1.5 - 0$ (skylight)



50180

51411

Light balance filter series 86

This filter has 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 93 mm 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 Tillers.	
51365 yellow	93 1.5× Y—0.5
51373 green	93 3 \times G—1.5
51381 orange	$93.4 \times O_{-2}$
51403 red	93 6 \times R—2.5
51411 haze	93 1 \times HZ -0



50547

Series 104 filters

These filters are 104 mm 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	X	Y-1
50555	yellow-green	104	2	X	YG-1
50725	orange	104	5	X	Or-2.5
50733	haze	104	1	X	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.



50199

50024





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, 150 mm 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.



45071 Flashgun bracket for 500C/M and

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

45071



51489 Ringlight

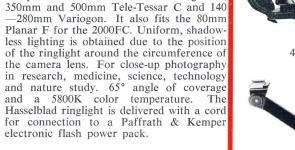
The Hasselblad ringlight for electronic flash units rated at 300-360 V. For all the Hasselblad 500C/M and 500EL/M lenses except the 30mm and 40mm Distagon C 350mm and 500mm Tele-Tessar C and 140 electronic flash power pack.



46329 Flashgun bracket for 500EL/M

A flashgun bracket with the same design as the above but with a built-in release cable for the Hasselblad 500EL/M. It has an accessory shoe for a flash unit, extension arm 45098 or adjustable flashholder 45039.

46329





45098 Extension arm

The extension arm is attached to the flashgun brackets 45071, 46329 or the double handgrip 46132. It can be swiveled so that light can be aimed in the desired direction.

45098



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.



45039 Adjustable flash holder

This flash holder is mounted on flashgu brackets 45071 and 46329 and can be swiveled to provide illumination in the required direction. The flashgun 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.



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.

Only for Hasselblad ringlight 50415.



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.



50466

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 flashguns 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 2000FC.



45063

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 cabi 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.







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 rapidwinding 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.





40088

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 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

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 3/8" and 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.



43117 Spirit level

The spirit level is attached to the accessory rail on the left side of the camera and is 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.



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, 500 EL/M (or 2000FC, with extension tubes) and a reflecting mirror 40207 placed at the object plane.

40266 Attachment for the Hasselblad exposure meter

This attachment is attached to the front of the lens shade with a simple operation, when the rapid-winding crank is used.

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



40266

40258

40258 Attachment for flash

This attachment simplifies the use of flashbulbs and flashcubes. It is quickly attached to the front of the lens shade. The swiveltype 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

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 lugs.

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



59056

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 nonchafing, slip-resistant underside. A safety spring prevents the catches from slipping off the camera lugs.

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 (15% \times 21/4) and A16S and 16S (1%-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



42072

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

51438 Front protective cover

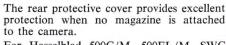


The front protective cover is attached to the camera body's bayonet mount and is made of black plastic.

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

51438

41041 Rear protective cover



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.



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 Dista-



50377

gon C lens. Friction-fit attachment.

40509 Front lens cap for the automatic diaphragm control unit

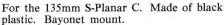
Made of black plastic. Bayonet mount.





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



50571

plastic. Bayonet mount.

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.

For easy control of picture composition

and accurate depth-of-field determination.

Incorporating a Fresnel lens, the focusing

screen adapter yields a brilliant image ou

to the edges of the field. It can be com bined with magnifying hoods 52094 and 42277 or the standard focusing hood 42021.

41025 Focusing screen adapter



It is attached to the camera in the same manner as the magazines. For Hasselblad 500C/M, 500EL/M, SWC and 2000FC.



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 handgrips 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 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 s7552 and frame viewfinder 57525 instead. Weight in water with the Hasselblad SWC is 47 oz (1.3 kg).



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



57320

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

57495

57495 Extension Set for the 50mm Distagon C lens (57517 + 57509) 57552 Extension Set for the 60mm Distagon

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.



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.



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.

57533

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.



57614



57630



57649



57657



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 housing greatly simplifies 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 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 if 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 lb (12.5 kg). Supplied with a special case for storage transport.

57576 Underwater Housing for 500EL/M, 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

57592 Correction lens for 50mm Distagon C f/4

57606 Correction lens for 60mm Distagon C f/3.5





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 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 If two batteries are charged battery. simultaneously, the charging time is 28 hours. When the preset charging time has elapsed, normal charging current is reduce 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.



46299

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.



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.





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 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 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 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 Intervalometer III

The Hasselblad intervalometer III is a handy accessory used to provide the 500EL/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.



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 tele-



56162

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

56162 Radio receiver For Hasselblad 500EL/M.



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.

This 4-camera bracket was originally design-

ed 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.

For Hasselblad 500EL/M.

46256 Multi-camera bracket



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 separte unit for attachment to older lenses.



40347



40355



40347 Automatic diaphragm control unit mounted on 80mm Planar C f/2.8

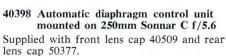
Supplied with front lens cap 40509 and rear lens cap 50377.



40355 Automatic diaphragm control unit mounted on 100mm Planar C f/3.5

Supplied with front lens cap 40509 and rear lens cap 50377.

40371 Automatic diaphragm control unit mounted on 150mm Sonnar C f/4 Supplied with front lens cap 40509 and rear



This basic kit must be supplemented with one of the sets below for the respective lens. Supplied with front lens cap 40509.



46255

30112

30112 Magazine 70/500

The Hasselblad bulk film magazine is loaded with 100 ft (30 m) of standard 70 mm doubleperforated (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.

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

Product currently undergoing modification. Deliveries due to commence middle 1980.



40398

40401

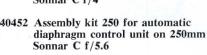
40401 Automatic diaphragm control unit

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

as assembly kit

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





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.



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.



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. 9½"×5"×4¾" $(240 \times 125 \times 120 \text{ mm}).$

For Hasselblad 500C/M and 2000FC.



46264

43133

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

55026

56081 Battery 1 55026 Battery 2

Battery 1 is a DEAC 5/500 DKZ nickelcadmium 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 nickelcadmium 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.



SPECIAL ACCESSORY FOR THE HASSELBLAD 2000FC

43176 Shutter speed multiplier

The shutter speed multiplier multiplies nominal shutter speeds on the Hasselblad 2000FC by a factor of 60. So a 1/30 s setting results in an actual shutter speed of 2 s, 1/15 s becomes 4 s, 1/8 s 8 s, 1/4 s 15 s, 1/2 s 30 s and 1 s 60 s.

The shutter speed multiplier is inserted into the battery compartment receptacle instead of the battery cassette.



43176

HASSELBLAD CASES

58025 Case 503

This case is primarily intended as an everready case for the Hasselblad SWC but also makes an excellent case for the Hasselblad 500C/M or 2000FC with an 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. 73/4"×43/4"×43/4"

 $(185 \times 120 \times 110 \text{ mm}).$



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. 93/4"×41/4"×41/2" $(250 \times 110 \times 115 \text{ mm}).$



58238

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. $9'' \times 5'' \times 6\frac{1}{2}''$ $(225 \times 130 \times 165 \text{ mm}).$



58246 Case 521

An elegant and practical suede-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"×9"×5"

 $(380 \times 225 \times 130 \text{ mm}).$





58254 Case 525

A practical and convenient shoulder bag made of suede-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 250 mm 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).



58076 Case 518

A larger shoulder bag made of black cowhide, with suede lining, designed for e.g. a 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).



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. $18"\times13\frac{3}{4}"\times5\frac{1}{2}"$ (460×350×140 mm).

58149

59064 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. The translucent paper makes it easy to identify filed 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. $10\frac{1}{2}"\times10\frac{1}{2}"$

 $(265 \times 265 \text{ mm}).$

59064

59013 File for 120/220 film



59013

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.

This Hasselblad film file provides an elegant solution to the problem of storing 120 and

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

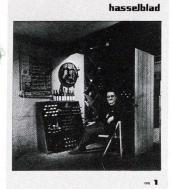
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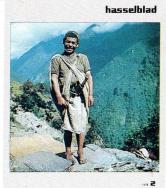
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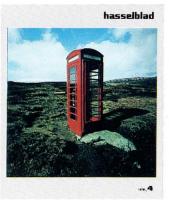
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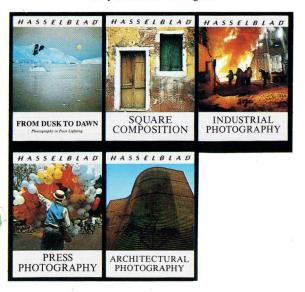
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The Hasselblad House Magazine is a forum for Hasselblad photographers all over the world. It is published in 3 languages, English, German and Swedish. The Magazine presents the best work of leading photographers. The full-page photos in color and black & 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!

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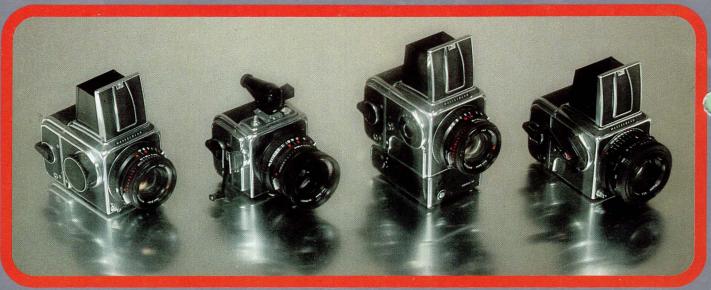
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