HASSELBLAD®

✪ **500C/M**   ⚡✪ **500EL/M**   ◼✪ **2000FC**   ◀✪ **SWC/M**

THE

H A S S E L B L A D ®

SYSTEM

Focusing hood Magnifying hood NC-2 Meter prism finder HC-4 HC-3/70

Masks
Frame viewfinder Sports viewfinder
Focusing screen masks Focusing screens

A 12 A 24
A 16 S A 16

Sheet film adapter 70
80 100
70/500

SWC/M 500 C/M 500 EL/M 2000 FC

Shutter speed multiplier

Pistol grip C/M Pistol grip EL/M Flash-gun bracket Flash-gun bracket

Platform Gunstock
Tripod quick-coupling Extension arm
Adjustable flash-holder Double handgrip

Intervalometer
Command unit
Recharge unit

Battery
Recharge unit
Power Supply unit Amplifier
Remote radio

Extension tubes
32 16

Planar 80 Multi-prism lens Softar Proxar 50 80
Distagon 50 86 50
Planar 110 Sonnar 150 70 Softar 110-150
Variogon 140-280 93

Extension tubes
55 21 10
S-Planar 135 Microscope shutter Microscope adapter

Bellows extension Transparency copy-holder

F-Distagon 30 26
Distagon 40 104 40
Distagon 50 Distagon 60 Multi-prism lens 63 50-60
Planar 80 Planar 100 Multi-prism lens Softar Proxar 50 80

UV-Sonnar 105 S-Planar 120 Sonnar 150 Multi-prism lens Softar Proxar 50 100-250
Sonnar 250 Sonnar Superachromat 250

Professional lens shade

Planar 80 Automatic diaphragm control unit Planar 100 Sonnar 150 Sonnar 250

Tele-Tessar 350
Tele-Tessar 500 86
Variogon 140-280 93

Hasselblad, the world's most comprehensive camera system for the 2¼×2¼ 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 are the Hasselblad 500C/M, 500EL/M, 2000FC and the SWC/M wide-angle camera. The latter has been modified to accept the Hasselblad magazine 100 for Polaroid film. 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 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. Seven different models are available for three 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. Six interchangeable focusing screens with different characteristics make focusing a true snap.

✪ 500C/M

10014

HASSELBLAD 500C/M

The Hasselblad 500C/M is a manually operated 2¼×2¼ 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 2¼×2¼ 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 ⅜″ and ¼″ tripod sockets. Weight 49 oz (1390 g). Dimensions 6½×4¼×4 in (170×109×104 mm).

The Hasselblad 500C/M is available with chrome trim or black 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 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

10162

⬛◯ SWC/M

10030

SWC/M

10189

10030

SWC

10189

HASSELBLAD SWC/M and SWC

This 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 Hasselblad SWC/M is an SWC modified for use with Hasselblad magazine 100 for Polaroid film. A kit for modifying an existing Hasselblad *SWC* is also available. See page 19.

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 camera 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 SWC/M 48.7 oz (1380 g); SWC 46.2 oz (1310 g). Dimensions: SWC/M 6×4×5¾ in (153×108×145 mm); SWC 6×4×5¼ in (153×108×134 mm).

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

The Hasselblad SWC/M and SWC are available with chrome trim or black trim.

10030 Hasselblad SWC/M and SWC, with chrome trim, are supplied with the following standard equipment:
10049 SWC/M and 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/M and SWC, with black trim, are supplied with the following standard equipment:
10197 SWC/M and 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

10200

HASSELBLAD 500EL/M

The Hasselblad 500EL/M is a motorized 2¼×2¼ 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 2¼×2¼ 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 6¾×4×5¾ in (170×100×147 mm). The Hasselblad 500EL/M is available with chrome trim or black 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

10219

10065

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.

▮◉2000FC

10308

HASSELBLAD 2000FC

The Hasselblad 2000FC is a newcomer to the Hasselblad system. It is a 2¼×2¼ 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 2¼×2¼ 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 ⅜″ tripod socket. Weight 53 oz (1500 g). Dimensions 7×4⅜ ×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

10324

C-LENSES

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.

20176

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.

20036

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.

20044

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.

20206

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.

20028

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.

20125

◉ **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.

20133

◉ **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.

20052

◉ **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

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.

20117

◉ **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.

20060

◉ **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.

20079

◉ **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.

20192

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.

20184

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.

20087

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 lens 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

F-LENSES

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 (one of which 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.

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.

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.

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.

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.

FILM MAGAZINES

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/M, SWC, and 2000FC.

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 18).

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

30155   30082

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 18).

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

30163   30090

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/M, SWC, and 2000FC.

30171   30104

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 70mm film and yields 70 2¼ × 2¼ pictures. 70mm 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/M, SWC, and 2000FC.

30139   30066

51039

51039 Film cassette for film magazine 70

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

30198 Hasselblad magazine 100 for Polaroid film

Polaroid film packs Type 107, 108, 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 665 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, SWC/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.

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/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 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.

42234

42250 Interchangeable checked focusing screen with central grid 2

A 15mm 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.

42250

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.

42285 Interchangeable fine-line focusing screen

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.

42285

42200 Interchangeable plain glass screen

A bright focusing screen facilitating photomicrography and macro work.
It consists of a plain glass screen with a reference cross and a Fresnel lens.
For Hasselblad 500C/M, 500EL/M, and 2000FC.

42200

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/M, and SWC.

52027

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/M, and SWC.

52086

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/M, and SWC.

52043

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/M, and SWC.

52094

40215 Frame viewfinder

This viewfinder outlines the field of view for lenses with 150 mm and 250 mm focal lengths 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)

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 0.5/50
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 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

40541

40363

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.

40568

40029 Extension tube 55
For Hasselblad 500C/M, 500EL/M, and 2000FC.

40010

40029

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

40517

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 2½" to 8" (6.35 cm to 20.2 cm). The bellows extension, combined with the special-purpose 135mm S-Planar C, enables you to work from infinity down to 1:1.

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

40525
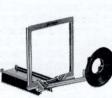
40525 Lens shade for automatic bellows extension

A compendium lens shade with adjustable extension is available for the automatic 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).

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.

40630 Extension ring

In certain 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 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.

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.

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 25 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 2000FC.

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 a light alloy and can easily be adapted for use with most enlargers.

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.

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.
Same features 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.

40576

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 a 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

40231
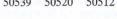
50776

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

50539   50520   50512

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.

51527   51535   51543

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

50687   50679

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	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 designation indicate the diameter, filter factor, type, and exposure value reduction.

Polarizing filters are supplied in suede-finished cowhide pouches.

50075

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.

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 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 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 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 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 has 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 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 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 yellow-green	86	2 ×	YG—1
50172 orange	86	5 ×	Or—2.5
50180 haze	86	1 ×	HZ—0

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 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 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 ×	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.

50024

50199

50113

50814

51349

50180

51411

50547

40053

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.

50598 50601 50628

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.

51489

51497

51500

51519

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.

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.

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.

43125

45071 Flashgun bracket for 500C/M and 2000FC

This flashgun bracket is attached to the camera's tripod plate and anatomically molded 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 flashgun bracket has a flash-shoe for a flash unit, extension arm 45098, or flash holder 45039.

45071

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 flash holder 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

45039 Adjustable flash holder

This flash holder is mounted on flashgun 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 a flash holder clamp.

45039

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 pressing the trigger with the index finger.

45047

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 movement. 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
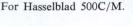
44016 Rapid-winding crank (chrome)
44032 Rapid-winding crank (black)
The film winding knob on the Hasselblad 500C/M can easily be replaced by the rapid-winding crank for faster film winding. This accessory increases shooting speed considerably and enables the film to be advanced quickly and smoothly—an enormous advantage in studio and press photography. Available with black or chrome trim.

For Hasselblad 500C/M.

54011 Knob with exposure meter
The standard winding knob on the Hasselblad 500C/M can be quickly replaced by 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 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 Tripod quick-coupling
A camera can be attached to or removed from a tripod more quickly using the Hasselblad quick-coupling. Provided with both ⅜″ and ¼″ 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/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.

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 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/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/M, SWC, and 2000FC.

59080 Wide camera strap
A comfortable 1½″ wide strap. Strap length can be adjusted with a simple buckle. The strap is made of black polyester with a non-chafing, slip-resistant underside with woven-in rubber fibers. A safety spring prevents the catches from slipping off the camera's strap buttons.

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

Black focusing screen masks
This mask effectively masks the focusing screen down 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.
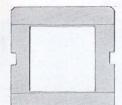
Transparent focusing screen masks

42145 Mask with format marking for the film magazines A16 and 16 (1⅝ × 2¼) and A16S and 16S (1⅝-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.

42145

42072 Checked screen

This special screen is made of acrylic plastic 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.

42072

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

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

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

41041

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.

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.

50369

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.

51446

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.

51462

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
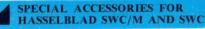
50377 Rear lens cap

Fits all Hasselblad lenses except the 135mm S-Planar C. Made of black plastic. Bayonet mount.

50571 Rear lens cap 135

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

50571

SPECIAL ACCESSORIES FOR HASSELBLAD SWC/M AND SWC

52035 Viewfinder for the SWC/M and 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.

52035

Masks for SWC/M and SWC Viewfinder

42048 When the mask is in position on the 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.

42048

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 hood 52094, or the standard focusing hoods 42021 and 42277. It is attached to the camera in the same manner as the magazines.

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

41025

44059 Conversion kit for SWC

This is a kit for converting a Hasselblad SWC to SWC/M specifications. The modified camera will then accept the Hasselblad magazine 100 for Polaroid film.

The finder mount, film advance crank, and quick-attachment shoe require modification. This work should be carried out by an authorized Hasselblad service center since modification of the SWC calls for removal of the lens.

HASSELBLAD UNDERWATER HOUSING

Hasselblad Underwater Housing

This Hasselblad underwater housing for the SWC is made of die-cast aluminum. 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).

The underwater housing for the SWC will not accept the SWC/M.

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. Weight in water with the Hasselblad SWC is 47 oz (1.3 kg).

57355
57371
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

57444
57460
57452   57320

57320 Rear Section for 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 rear section 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

Hasselblad underwater housing use with 500C/M

The special rear section with prism viewfinder for the 500C/M has been withdrawn. However, the Hasselblad underwater housing for the SWC still accepts a Hasselblad 500C/M (except with Magazine 70), but the housing must then be equipped with a 57428 film advance adapter for the 500C/M plus a 57436 lens support ring, and the 57487 frame viewfinder when the 500C/M is used with the 80mm Planar C. If a 50mm or 60mm Distagon C lens is used, add instead the 57495 or 57552 extension set with a 57525 frame viewfinder.

57428 Film advance adapter for 500C/M

57436 Lens support ring for 80mm Planar C

57436   57428

57487 Frame Viewfinder for the 80mm Planar C lens

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

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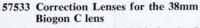
57495 Extension Set for the 50mm Distagon C lens (57517 + 57509)

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.

57509   57517
57495

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 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 ⅜″ tapped socket.
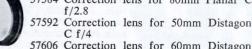
The interchangeable front and rear domes are made of acrylic plastic with excellent optical properties. Three different lenses can be used in the housing, the wide-angle 60mm Distagon C f/3.5, the 50mm Distagon C f/4, or the normal 80mm Planar C f/2.8. These optics must be used with special correction 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 can be used down to a depth of about 650 ft (200 m). Its weight in water can be varied with ballast 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 f/2.8
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 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.

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.

46027

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.

46116

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.

46051

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.

46124

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.

46086

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.

56154

Hasselblad remote radio equipment is supplied as a set consisting of:
56154 Radio transmitter
56162 Radio receiver
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.

46035

56162

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.

46272

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.

56138

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.

46256

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.

46132

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 unit rotates the aperture ring 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 of them or as a separate 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 lens cap 50377.

40371

40398 Automatic diaphragm control unit mounted on 250mm Sonnar C f/5.6

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

40398

40401 Automatic diaphragm control unit as assembly kit

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

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 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.

46264

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.

43133

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.

56081   **55026**

56111 Fuse

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

56111

**■ 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 ever-ready case for the Hasselblad SWC/M and 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. 7¾"×4¾"×4¾"
(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. 9½"×5"×4¾"
(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 strap or carrying strap and is opened with a zipper.
Dimensions: approx. 9¾"×4¼"×4½"
(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, standard lens and lens shade attached. It can also serve as a case for the 500EL/M.
The case is attached to the camera via a neck strap or carrying strap and is opened with a zipper.
Dimensions: approx. 9"×5"×6½"
(225×130×165 mm).

58238

58246 Case 521

An elegant and practical 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"
(380×225×130 mm).

58246

58254 Case 525

A practical and convenient shoulder bag made of 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. $10\frac{1}{2}'' \times 9\frac{1}{2}'' \times 6\frac{3}{4}''$
$(270 \times 240 \times 160$ mm$)$.

58254

58076 Case 518

A larger shoulder bag made of black cowhide, 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. $14\frac{1}{4}'' \times 10\frac{1}{2}'' \times 8\frac{3}{4}''$
$(360 \times 265 \times 220$ 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. $18'' \times 13\frac{3}{4}'' \times 5\frac{1}{2}''$
$(460 \times 350 \times 140$ mm$)$.

58149

58270 Case 712

A black Hasselblad case which holds a lot of equipment. The internal partitions, in the lid as well as in the case itself, are adjustable to allow cameras and accessories to be stored in various combinations. The photo shows one layout. Apart from the longest telephoto lenses, all the lenses can be kept in an upright position. A rubber gasket around the opening provides a weather-tight seal, protecting case contents against dust and rain. Ideal for tropical climates.
Weight: 10 lb 13 oz.
Dimensions: approx. $18'' \times 15\frac{1}{4}'' \times 7''$
$(455 \times 390 \times 180$ mm$)$.

58270

59072 File for 120/220 film
59064 File for 70mm film

These Hasselblad film files provide an elegant solution to the problem of storing film. Each filing sheet has space for 12 film frames. Film is clipped into four-frame lengths and inserted into the sheet's numbered pockets. These files have the best possible storage qualities. They have been developed in cooperation with the Museum of Photography in Stockholm and the Swedish Institute for Materials Testing. Filing sheets are available in 50-sheet cartons. The cartons, which are labeled for storage identification, can hold 50 sheets containing film.
Sheet size: File 120/220
$9\frac{1}{2}'' \times 10\frac{1}{2}''$ $(240 \times 270$ mm$)$.
File 70
$10\frac{1}{2}'' \times 10\frac{1}{2}''$ $(265 \times 275$ mm$)$.

59064

58   59   60   61

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