

# WILSONWERKS ARCHIVES

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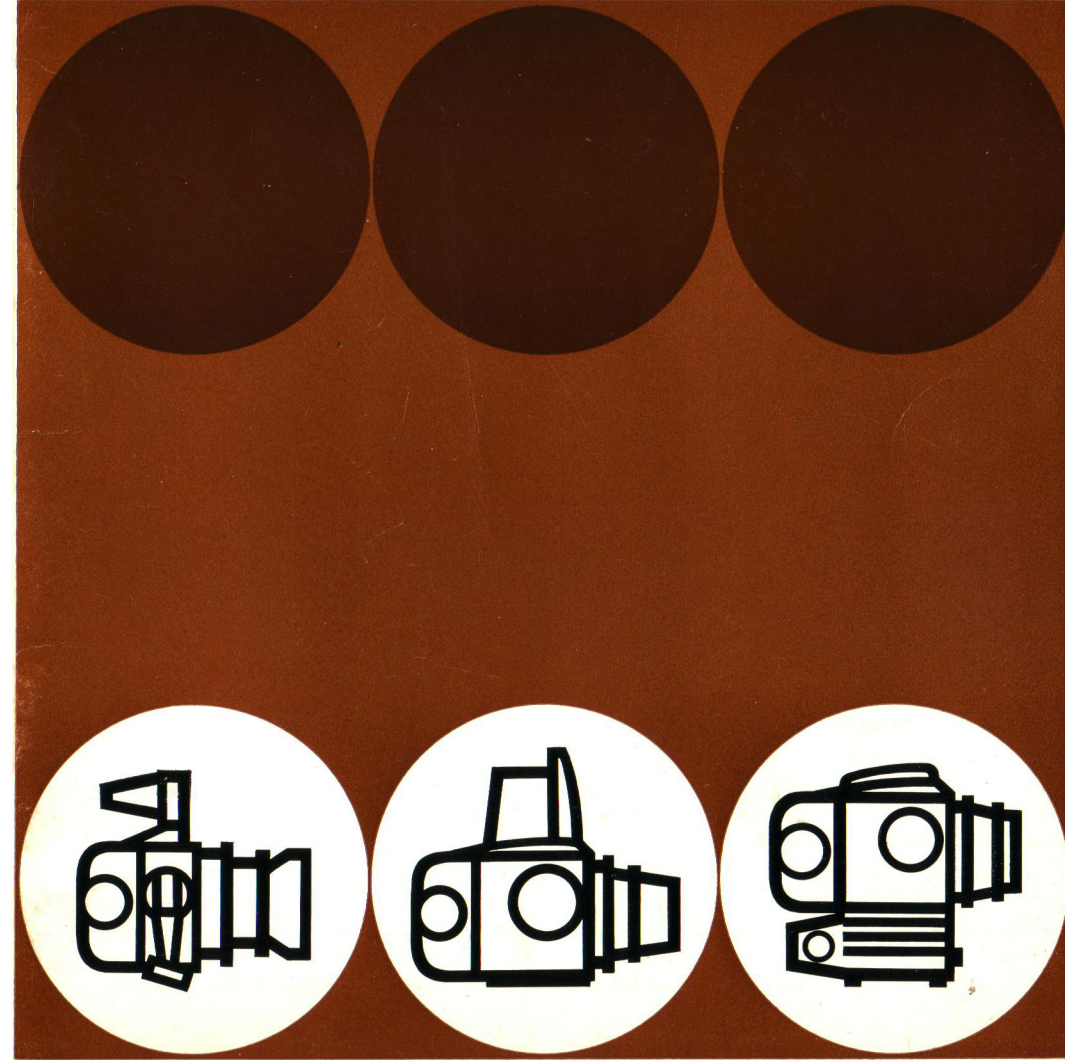
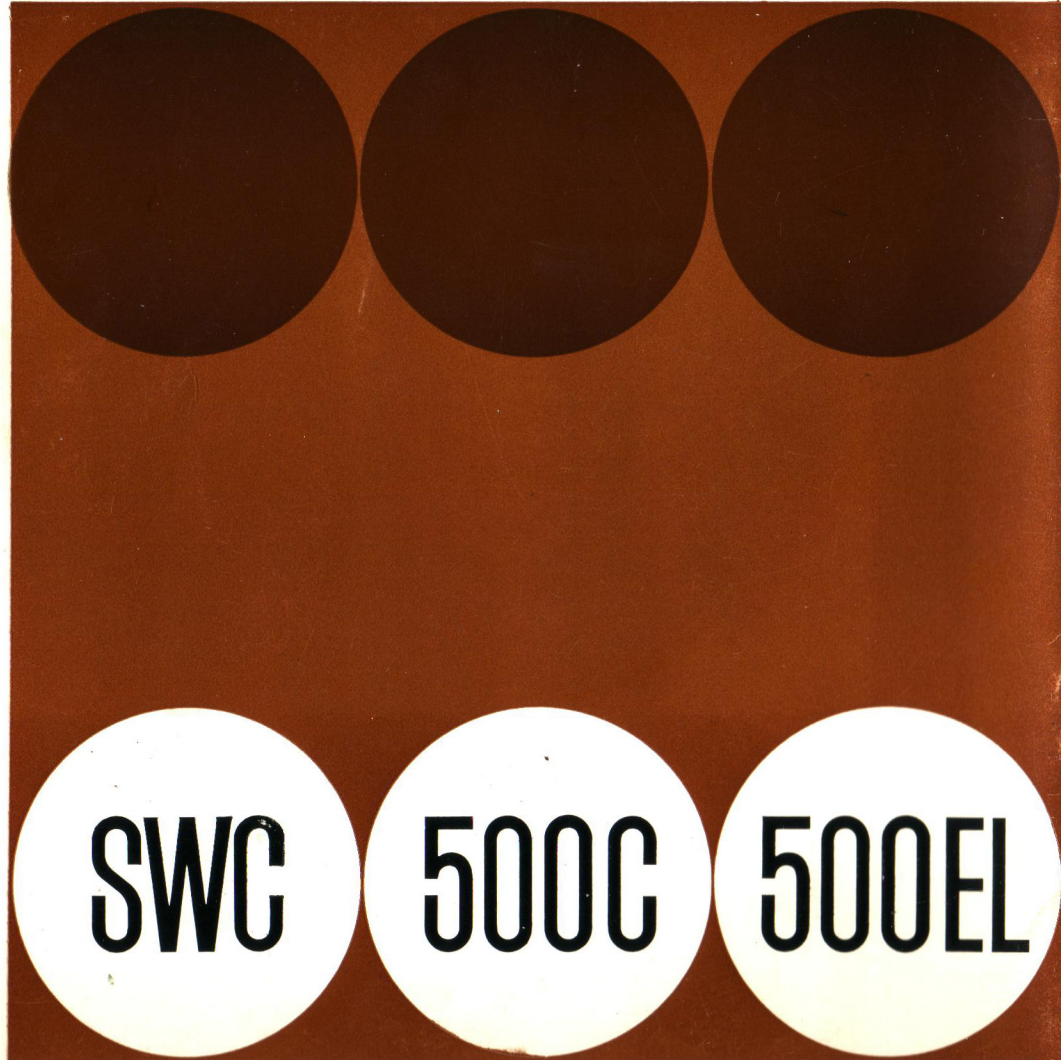
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VICTOR HASSELBLAD AKTIEBOLAG GÖTEBORG SWEDEN

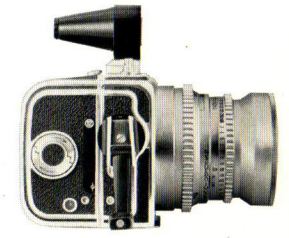
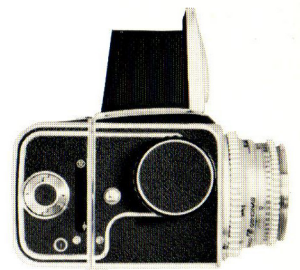
**H A S S E L B L A D**

With compliments of:

Distributor of Hasselblad Cameras in the United States:  
**PAILLARD Inc.**, 1900 Lower Road, Linden, New Jersey  
Branch office: 10401 West Jefferson Boulevard, Culver City, Calif.







The Hasselblad 500C is the standard camera in the Hasselblad system. The image on the ground glass screen, as in the 500EL, is completely free from parallax error. It always shows exactly how the final picture will turn out — however the lenses are switched and regardless of supplementary lenses, extension tubes, bellows extensions or other accessories. Thus, the business of photographing with the Hasselblad 500C is simple. The Hasselblad 500EL is electrically-driven. Its reliable motor frees the photographer from numerous duties such as advancing the film and cocking the shutter and gives him more time to devote to actual creation of a picture. The routine work is carried out faster and more efficiently. After exposure, the Hasselblad 500EL automatically advances the film, cocks the shutter and is ready for the next shot. By means of long release cords, timer or radio, photos may be taken even if you are at a distance from the camera itself.

The Hasselblad Super Wide C wide-angle camera has smoothed the way to a new conception of photography. Its extremely wide angle-of-view —  $90^{\circ}$  — is quite remarkable for a  $2\frac{1}{4} \times 2\frac{1}{4}$ " camera. You are now able to take shots previously considered impossible — from awkward angles and in cramped spaces. At the same time, it is such an excellent all-round camera that it may be used for a great number of photographic assignments.

The Hasselblad 500C, 500EL and Super Wide C are the core of a comprehensive camera system mastering most fields of photography and characterized by its immense versatility and interchangeability. Numerous well-devised and skilfully designed accessories have been made to integrate with the camera. High-resolution Carl Zeiss lenses with focal lengths ranging between 38 and 500 mm permit selection of the desired picture area. A rapid switch of different negative sizes is possible thanks to the interchangeable film magazines. Extra viewfinders supplement the standard focusing hood. Dramatic picture effects may be obtained by using the filters. The close-up accessories allow the photographer to probe areas of photography previously out of the question. There is no end to examples: Hasselblad has just about everything. That is why a Hasselblad camera is the natural choice of the exacting professional as well as the enthusiastic amateur. Both choose the Hasselblad for the sake of its limitless fields of application.





## HASSELBLAD 500C

A 2 1/4" x 2 1/4" single-lens reflex camera, the Hasselblad 500C is an exceptionally versatile instrument. It has shown its supremacy in almost every field of photographic endeavour.

The lens, an 80 mm Zeiss Planar f. 2.8, features a fully-synchronized between-the-lens shutter, manual and automatic diaphragm, automatic depth-of-field indicators and exposure value scale. Designed for 120 roll film, the magazine provides 12 2 1/4" x 2 1/4" negatives. A pop-up magnifier in the focusing hood facilitates accurate picture composition on the ground glass screen which, with its Fresnel lens, shows a brilliant sharp-edged image. The film winder knob simultaneously advances the film and cocks the shutter. Lens, magazine, focusing hood and winder knob are readily exchangeable and further add to the remarkable versatility of this camera.

In addition, the Hasselblad 500C has a synchronized auxiliary shutter, a signal system to prevent double exposures, film counter, quick-release button and quick-attachment shoe with American and European tripod threads.

**10014 (AKFEM) Hasselblad 500C** is supplied as standard with the following equipment:

10022 (AKKRC)	Camera body 500C
42021 (FUSRC)	Standard focusing hood
44024 (TIMSC)	Standard knob
20028 (OBPAL)	Zeiss Planar f. 2.8/80 mm lens
30015 (TIMAC)	Magazine 12
50369 (FUOBC)	Front lens cap
41068 (FUKAC)	Magazine slide
49018 (FUREC)	Neck strap
43036 (FUCBC)	Cable hook



## HASSELBLAD SWC

The Hasselblad Super Wide C is a 2 1/4" x 2 1/4" wide-angle camera using the same interchangeable film magazines as the Hasselblad 500C. Featuring a 90° angle-of-view, the lens—a 38 mm Zeiss Biogon f. 4.5—assures perfect, distortion-free horizontal and vertical delineation. Depth of field at an aperture of f. 22 is from 26 inches to infinity. Lens and camera body form a single unit and cannot be separated.

The Hasselblad Super Wide C has a fully synchronized between-the-lens shutter with self-timer, exposure value scale and automatic depth-of-field indicators as well as a spirit level, top-mounted release button, rapid winding crank for film transport and shutter cocking, and quick attachment shoe with American and European tripod threads.

Aperture	f. 4.5
Focal length	38 mm
Angle-of-view	90°
No. of lens elements	8
Focusing range	12 inches — ∞ (0.3 m — ∞)
Synchro-Compur shutter	B, 1—1/500 sec.
Diaphragm	4.5 — 22
Synchronization	M and X
Self-timer	V
Filters	Hasselblad series 63

**10030 (AKSWC) Hasselblad Super Wide C** complete with camera body 10049 (AKVIC), magazine 12 30015 (TIMAC) and optical finder 52035 (TISOC).

**10049 (AKVIC) Camera body Hasselblad Super Wide C** with following accessories: front lens cap 50385 (FUSWC), neck strap 49018 (FUREC), cable hook 43036 (FUCBC), filter ring 63 50350 (FUABC) and rear protective cover 41041 (FUPCC).



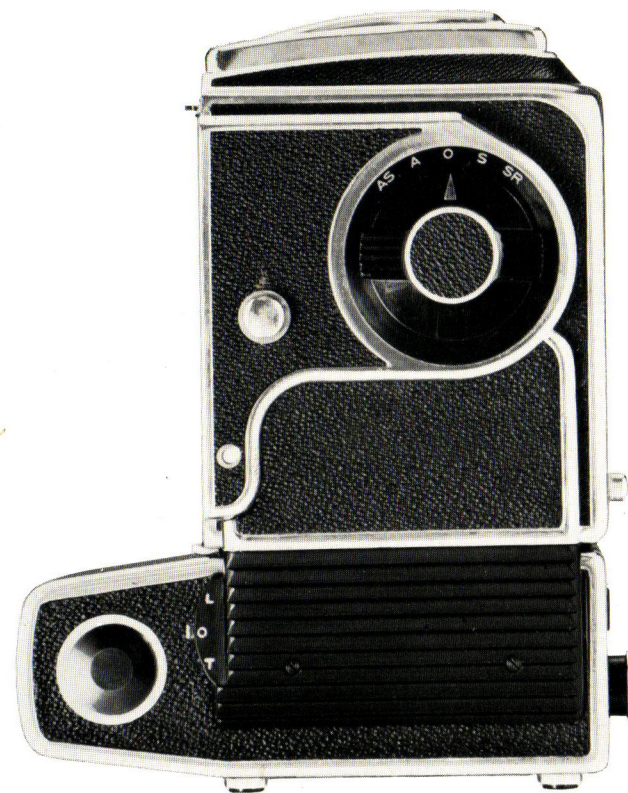


## HASSELBLAD 500EL

The Hasselblad 500EL is an electric motor-driven 2 1/4" x 2 1/4" SLR camera. The motor is integral with the camera and is powered by one or two rechargeable batteries, each of which lasts for 1000 exposures on a single charge. With the Hasselblad 500EL it is possible to choose between five different ways of making an exposure by means of a selector knob. The lens—an 80 mm Zeiss Planar f. 2.8—features a fully synchronized between-lens shutter, manual and automatic diaphragm, automatic depth-of-field indicators and exposure value scale. The film magazine for 12 2 1/4" x 2 1/4" pictures is intended for standard 120 roll film. A pop-up magnifier incorporated in the focusing hood facilitates accurate focusing on the groundglass which, due to its Fresnel lens, shows a brilliant, sharp-edged image. Lens, magazine and focusing hood are readily exchangeable. Supplied as standard with the Hasselblad 500EL is recharge unit I for 110/220 volt a.c.c operation. This unit is designed for charging one or two batteries in the camera.

**10057 (AKMOC) Hasselblad 500EL** is supplied as standard with the following equipment:

10065 (AKMBC)	Camera body 500EL	41068 (FUKAC)	Magazine slide
42021 (FUSRC)	Standard focusing hood	43036 (FUCBC)	Cable hook
20028 (OBPAL)	Zeiss Planar f. 2.8/80 mm lens	46140 (MOROC)	Carrying strap
30015 (TIMAC)	Magazine 12	56111 (MORTC)	Fuses (2)
56022 (MOTLC)	Recharge unit I	46159 (MORUC)	Key disc
50369 (FUOBC)	Front lens cap	46175 (MOTCC)	Socket cap
56081 (MOTNC)	Battery (1)	46043 (MOTAC)	Cable release FK 30

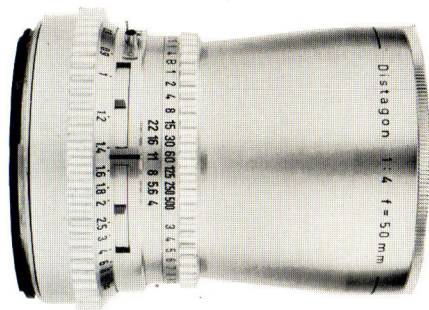


## 10065 (AKMBC) Hasselblad camera body 500EL

may also be supplied on its own without magazines or lenses. Practically all the accessories for the Hasselblad 500C also suit the Hasselblad 500EL. The following equipment is delivered with the 500EL camera body.

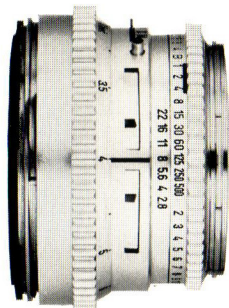
42021 (FUSRC)	Standard focusing hood	46140 (MOROC)	Carrying strap
56022 (MOTLC)	Recharge unit I	56111 (MORTC)	Fuses (2)
56081 (MOTNC)	Battery (1)	46159 (MORUC)	Key disc
43036 (FUCBC)	Cable hook	46175 (MOTCC)	Socket cap
50474 (FURAC)	Front protective cover	46043 (MOTAC)	Release cord FK 30
41041 (FUPCC)	Rear protective cover		





**20044 (OBDOC) Zeiss Distagon f. 4/50 mm**  
Wide-angle lens for the Hasselblad 500C and 500EL

Aperture/focal length	f. 4/50 mm
Angle-of-view	75°
No. of lens elements	7
Focusing range	20 inches – ∞ (0.5 m – ∞)
Diaphragm	4 – 22
Synchro-Compur shutter	B, 1–1/500 sec.
Filters	Hasselblad series 63
Supplied with front lens cap 50385 (FUSWC) and rear lens cap 50377 (FUOCC).	



**20028 (OBPAL) Zeiss Planar f. 2.8/80 mm**  
Standard lens for the Hasselblad 500C and 500EL

Aperture/focal length	f. 2.8/80 mm
Angle-of-view	52°
No. of lens elements	7
Focusing range	3 feet – ∞ (0.9 m – ∞)
Diaphragm	2.8 – 22
Synchro-Compur shutter	B, 1–1/500 sec.
Filters	Hasselblad series 50 with bayonet fitting
Supplied with front lens cap 50369 (FUOBC) and rear lens cap 50377 (FUOCC).	



**20052 (OBSPC) Zeiss S-Planar f. 5.6/120 mm**  
Lens for the Hasselblad 500C and 500EL

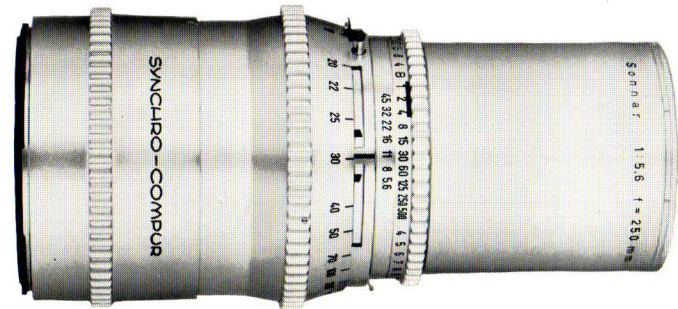
Aperture/focal length	f. 5.6/120 mm
Angle-of-view	36°
No. of lens elements	6
Focusing range	3 feet – ∞ (0.9 m – ∞)
Diaphragm	5.6 – 32
Synchro-Compur shutter	B, 1–1/500 sec.
Filters	Hasselblad series 50 with bayonet fitting
Supplied with front lens cap 50369 (FUOBC) and rear lens cap 50377 (FUOCC).	





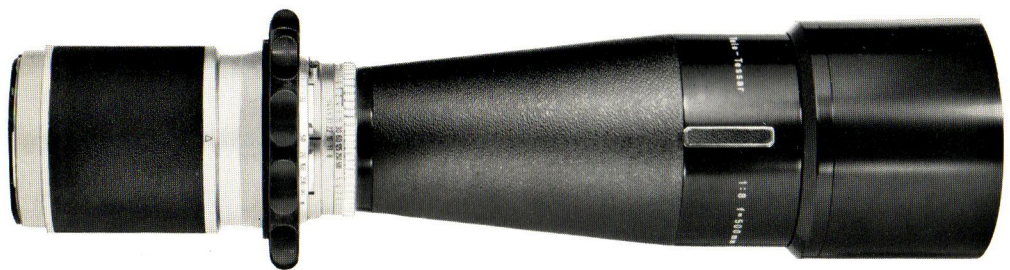
**20060 (OBNOC) Zeiss Sonnar f. 4/150 mm**  
**Telephoto lens for the Hasselblad 500C and 500EL**

Aperture/focal length f. 4/150 mm  
 Angle-of-view 29°  
 No. of lens elements 5  
 Focusing range 5 feet – ∞ (1.4 m – ∞)  
 Diaphragm 4–32  
 Synchro-Compur shutter B, 1–1/500 sec.  
 Filters Hasselblad series 50 with bayonet fitting  
 Supplied with front lens cap 50369 (FUOBC) and rear lens cap 50377 (FUOCC).



**20079 (OBTEC) Zeiss Sonnar f. 5.6/250 mm**  
**Telephoto lens for the Hasselblad 500C and 500EL**

Aperture/focal length f. 5.6/250 mm  
 Angle-of-view 18°  
 No. of lens elements 4  
 Focusing range 8½ feet – ∞ (2.5 m – ∞)  
 Diaphragm 5.6–45  
 Synchro-Compur shutter B, 1–1/500 sec.  
 Filters Hasselblad series 50 with bayonet fitting  
 Supplied with front lens cap 50369 (FUOBC) and rear lens cap 50377 (FUOCC).



**20087 (OBLTC) Zeiss Tele-Tessar f. 8/500 mm**  
**Telephoto lens for the Hasselblad 500C and 500EL**

Aperture/focal length f. 8/500 mm  
 Angle-of-view 9°  
 No. of lens elements 5  
 Focusing range 28 feet – ∞ (8.5 m – ∞)  
 Diaphragm 8–64  
 Synchro-Compur shutter B, 1–1/500 sec.  
 Filters Hasselblad series 86  
 Supplied in case 58084 (CATEC) with front lens cap 50393 (FUTTC), rear lens cap 50377 (FUOCC), sunshade 50407 (SETEC) and focusing ring 40150 (TIFTC) with movable index markers.





#### 30015 (TIMAC) Magazine 12

Hasselblad's interchangeable magazine 12 produces 12  $2\frac{1}{4}'' \times 2\frac{1}{4}''$  negatives on 120 roll film. Magazine 12 is provided with film plane markings, film counter, film type indicator, film signal and automatic stop after 12 exposures.

For the Hasselblad 1600F, 1000F, 500C, 500EL, SW and SWC.



#### 30023 (TISXC) Magazine 16

This magazine produces 16  $1\frac{5}{8}'' \times 2\frac{1}{4}''$  negatives on 120 roll film and is particularly economical when using colour film. Magazine 16 is provided with film plane markings, film counter, film type indicator, film signal and automatic stop after 16 exposures. Supplied with ground glass screen mask 42080 (TIMMC). For the Hasselblad 1600F, 1000F, 500C, 500EL, SW and SWC.



#### 30031 (TISEC) Magazine 16S

Magazine 16S produces 16  $2'' \times 2''$  superslide negatives on 120 roll film. It is provided with film plane markings, film counter, film type indicator, film signal and automatic stop after 16 exposures. Supplied with groundglass mask 42099 (TIKMC).

For the Hasselblad 1600F, 1000F, 500C, 500EL, SW and SWC.



#### 30058 (TIDIC) Magazine 24

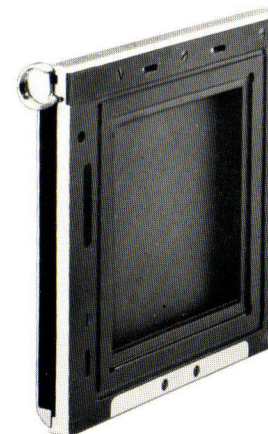
Magazine 24 gives 24 pictures size  $2\frac{1}{4}'' \times 2\frac{1}{4}''$  on 220 roll film. It is provided with film plane markings, film counter, film type indicator, signal for charged magazine, film signal and automatic stop after 24 exposures. For the Hasselblad 1600F, 1000F, 500C, 500EL, SW and SWC.



#### 30066 (TIMUC) Magazine 70

This magazine is designed to take up to 15 feet of cassette-loaded 70-mm film and produces a maximum of 70  $2\frac{1}{4}'' \times 2\frac{1}{4}''$  negatives. 70-mm film is available in 100 and 330-foot rolls for loading cassettes with any desired length up to 15 feet. Ready-loaded cassettes are also available. Like all other Hasselblad magazines, magazine 70 is provided with film plane markings, film signal, film counter and film type indicator.

For the Hasselblad 1600F, 1000F, 500C, 500EL, SW and SWC.  
(Available approx. in the middle of 1966)



#### 41017 (TICUC) Cut film adapter

The Hasselblad cut film adapter enables you to take full advantage of the wide range of cut film nowadays available. It is used in conjunction with readily-changeable cut film holders.

For the Hasselblad 1600F, 1000F, 500C, 500EL, SW and SWC.

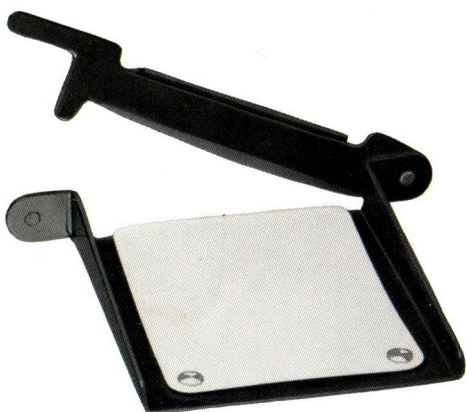




#### 51012 (TIHLC) Cut film holder

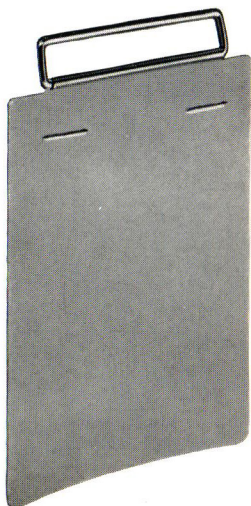
A single-sided cut film holder for cut film and plates.  $2\frac{1}{2}'' \times 3\frac{1}{4}''$  film can be trimmed to  $2\frac{1}{2}'' \times 2\frac{1}{2}''$  with the Hasselblad film cutter 41033 (TIFXC).

For cut film adapter 41017 (TICUC).



#### 41033 (TIFXC) Film cutter

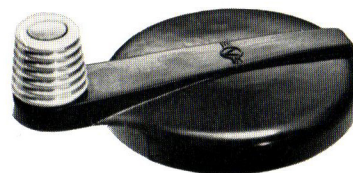
This film cutter has been designed to facilitate trimming cut film to  $2\frac{1}{2}'' \times 2\frac{1}{2}''$  size ( $2\frac{1}{4}'' \times 2\frac{1}{4}''$  negative format). Extremely easy to use, it protects film from fingermarks and greatly simplifies dark-room work.



#### 41068 (FUKAC) Magazine slide

The stainless steel magazine slide is provided with two catches to prevent it from sliding out of the magazine.

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



#### 41076 (TIRCC) Quick-winding crank for film-magazines

Attached to the film magazine loading key, the quick-action crank saves time in winding the film forward to the first frame and on to the take-up spool after the final exposure. For Hasselblad magazines 12, 16, 16S, 24 and 70.



#### 50296 (TICLC) Proxar 0.5 50318 (TICMC) Proxar 1.0 50326 (TIEKC) Proxar 2.0

These supplementary Proxar lenses have a double bayonet fitting for series attachment. Used with the Planar 80 mm lens, the Proxar 0.5 gives a focusing range of  $17\frac{5}{16}''$ – $24\frac{5}{16}''$  (43.5–61.7 cm).

Proxar 1.0 gives a focusing range of  $22\frac{7}{16}''$ – $42\frac{1}{2}''$  (55.8–107.5 cm).

Proxar 2.0 gives a focusing range of  $26\frac{25}{32}''$ – $83\frac{55}{64}''$  (68–213 cm).

Proxar 1.0+0.5 gives a focusing range of  $14\frac{11}{16}''$ – $18\frac{3}{16}''$  (36.9–46.2 cm).

Proxar 1.0+2.0 gives a focusing range of  $19\frac{3}{8}''$ – $31\frac{19}{64}''$  (49.2–79.5 cm).

For use with 50-mm diameter lenses fitted to the Hasselblad 500C and 500EL.



#### 40010 (TIMDC) Extension tube 21 40029 (TIMBC) Extension tube 55

These extension tubes are made of black anodized light alloy and are provided with bayonet fittings. A shaft passing through the extension tube connects the lens to the camera mechanism so that all automatic functions are retained. Several extension tubes can be used in conjunction.

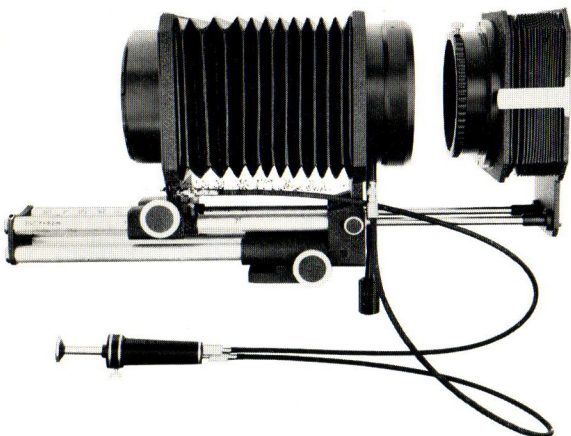
80 mm+M 21: Focusing range  $16''$ – $19\frac{1}{8}''$  (40–48.5 cm).

80 mm+M 55: Focusing range  $12\frac{5}{8}''$ – $12\frac{15}{16}''$  (31.9–32.8 cm).

For the Hasselblad 500C and 500EL cameras and the entire series of lenses.



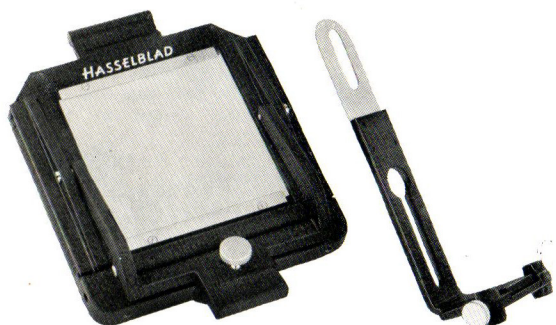




#### 40134 (TIBTC) Bellows extension

The bellows extension is made of steel and light alloy, the actual bellows being of supple leather. It is fitted with double cable release 40142 (TIMOC) for simultaneous operation of lens and camera mechanisms, enabling full use to be made of the camera's automatic features. The shutter is cocked manually by means of a special device fitted to the bellows lens mount. The bellows can be extended from 3 to 8 inches. An additional accessory is adapter 50342 (TIBSC), which used as a sunshade and also for attaching the transparency copy holder.

For the Hasselblad 500C.



#### 50334 (TIADC) Transparency copy holder

The Hasselblad transparency copy holder is used for the reproduction and duplication of black-white negatives and colour transparencies. It attaches to the bellows extension adapter together with the support provided. An electronic flash is recommended as the source of illumination. When reproducing colour transparencies, filters 50199 (TIECC), 50261 (TIEDC) and 50288 (TIEEC) may be used to correct colour temperature.

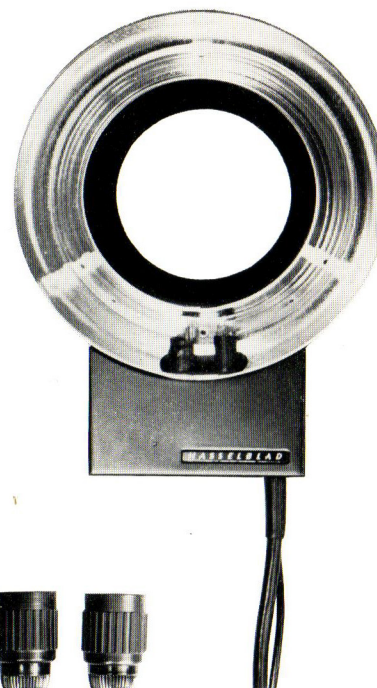
For the Hasselblad 500C bellows extension 40134 (TIBTC) and the 1000F and 1600F bellows extension.



#### 40185 (TIABC) Linear mirror unit

The Hasselblad linear mirror unit is used in photo-copying when extremely accurate parallel alignment between film plane and subject is essential. Using the linear mirror unit, parallelism can be adjusted to closer than two minutes of arc.

The linear mirror unit consists of a lens flange mirror 40193 (TIAAC) attached in place of the lens on the Hasselblad 500C or 500EL, and a reflecting mirror 40207 (TIARC) placed in the subject plane.



#### 50415 (TIRIC) Ringlight

The Hasselblad ringlight can be attached to all Hasselblad lenses with Synchro-Compur-shutters except the 500-mm Tele-Tessar. Uniform, shadowless lighting is obtained due to the position of the ringlight around the circumference of the camera lens. It is used for close-up photography in research, medicine, science and technology as well as for shooting nature subjects. Illumination angle of spread is  $65^\circ$  and the colour temperature  $5,800^\circ\text{K}$ . The guide number will depend on the rating of the electronic flash unit.

The Hasselblad ringlight is supplied with a cable for connection to Paffrath & Kemper electronic flash units.

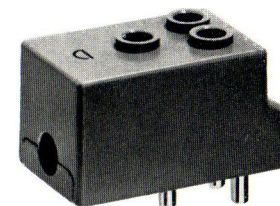


#### 50423 (TIREC) Cable with Braun F 80 connector

#### 50431 (TIVSC) Cable with Mecablitz 502 connector

#### 50458 (TIVIC) Cable without connector

Special cables complete with connectors are available for operating the ringlight from Braun F 80 and Mecablitz 502 flash units. Basically, the ringlight may be connected to all electronic flash units rated at up to 250 Ws, using the cable not fitted with a specific connector. Consult your flash unit supplier for fitting instructions.



#### 50466 (TILAC) Intermediate connector

An intermediate connector allows the ringlight to be used at half strength in conjunction with the Braun F 80 flash unit is also available. When this connector is used, only one of the capacitors in the flash unit is discharged and half the normal light strength is obtained for each exposure.

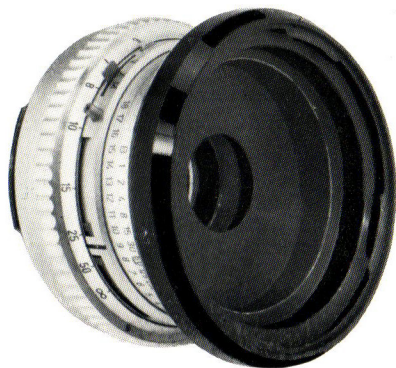




#### 40045 (TIOBC) Microscope adapter

When coupled to a microscope, the microscope adapter comprises the link between eye-piece and camera. It is provided with a bayonet fitting for attachment to the camera. This adapter provides the photographer with an absolutely vibration-free mounting between microscope and camera.

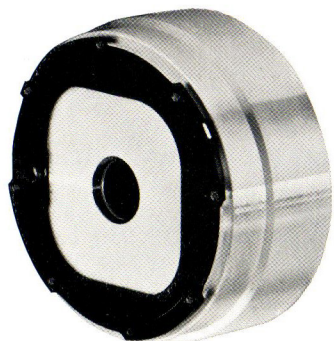
For the Hasselblad 500C and 500EL.



#### 40169 (TIMIC) Microscope shutter

The microscope shutter, provided with bayonet fittings for the camera body and microscope adapter 40045 (TIOBC) is cocked and released automatically by the camera mechanism. It comprises a fully-synchronized Synchro-Compur shutter for B and 1-1/500 sec. and is protected by an eye-piece shield.

For the Hasselblad 500C and 500EL.



#### 40037 (TIOFC) Lens mount adapter

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

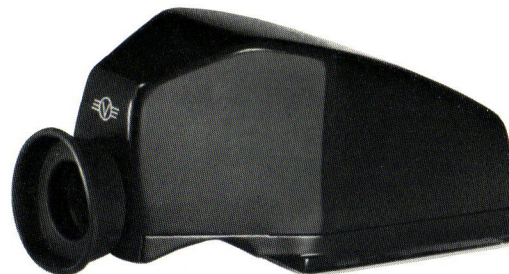
For the Hasselblad 500C and 500EL.



#### 42013 (TIHC) Magnifying hood

This hood is fitted with a magnifier that enlarges the picture on the ground glass screen 2 1/2 times. The magnifier is adjustable for individual eyesight requirements from +3 to -4 diopters. The magnifying hood effectively excludes all extraneous light and greatly facilitates accurate focusing.

For the Hasselblad 1600F, 1000F, 500C, 500EL and, with the ground glass adapter, for the SW and SWC.



#### 52019 (TIPSC) Eye-level prism finder HC-1

This prism finder, made of aluminium and finished in black enamel, contains a prism system of high optical quality. It provides a brilliant right-way-round image magnified 2 1/2 times and is an ideal accessory for photographing moving subjects. This finder features a release button for changing magazines and a rubber eyepiece with provision for fitting a correction lens. Supplied with protective cover 42064 (TIPTC).

For the Hasselblad 1600F, 1000F, 500C, 500EL and, with the ground glass adapter, for the SW and SWC.



#### 52027 (TIPOC) Eye-level prism finder NC-2

Of high optical quality, the system of prisms and lenses in this eye-level prism finder provides a right-way-round image three times larger than that seen in the ground glass screen. The sighting angle is 45° relative to the optical axis of the lens. The rubber-mounted ocular is of exceptionally large diameter and the outer ring of rubber protects spectacle lenses. In addition, the ocular has an adjustable and removable rubber eyepiece. Supplied with protective cover 42064 (TIPTC).

For the Hasselblad 1600F, 1000F, 500C, 500EL and, with the ground glass adapter, for the SW and SWC.

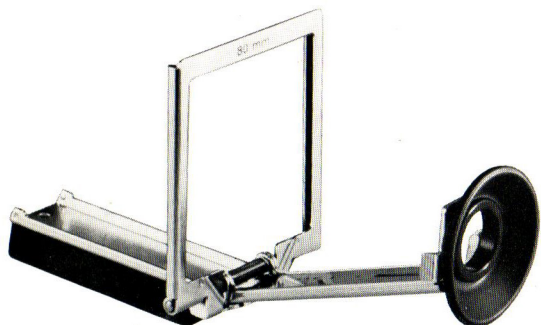




#### 40215 (TISFC) Frame viewfinder

This viewfinder indicates the field of view for the Sonnar 150 and Sonnar 250 lenses when used in conjunction with the Hasselblad 500C/500EL and magazine 12 or 70.

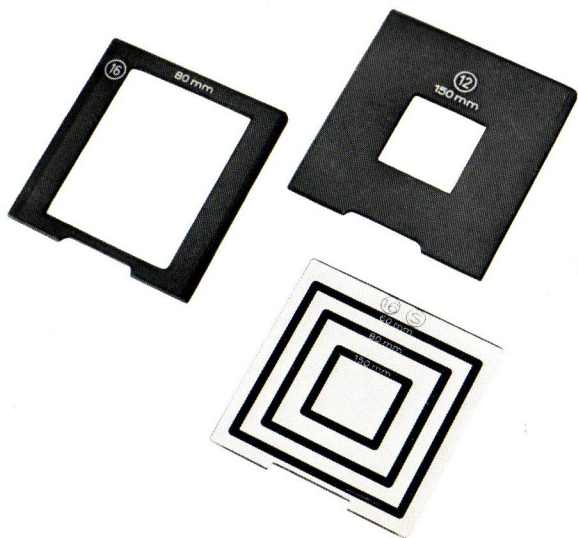
The frame viewfinder slides onto the sunshade from the front and is clamped in place with an effective snap catch. The frame is so designed as to provide a direct line of sight parallel to the optical axis of the camera lens. Having no distracting parts close to the eye, it is also ideal for spectacle-wearers.



#### 43028 (TIRAC) Sports viewfinder

Sports viewfinder with parallax correction and interchangeable masks for different focal lengths and magazines. An ideal accessory for the press photographer. The frame of the finder indicates viewing field limits when used in conjunction with magazine 12 and the Planar 80 lens or magazine 16S and the Distagon 50 lens.

For the Hasselblad 500C and 500EL.



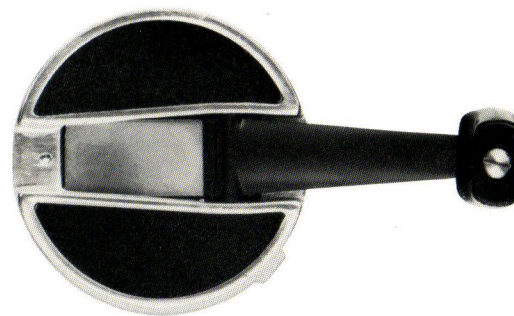
#### Masks for the sports viewfinder

- 43044 (TIRMC) Mask f. mag. 12 150 mm lens
- 43052 (TIRNC) " " " " 250 " "
- 43060 (TIRLC) " " " " 500 " "
- 43079 (TIROC) Mask f. mag. 16 80 mm lens
- 43087 (TIRPC) " " " " 150 " "
- 43095 (TIRSC) " " " " 250 " "
- 43109 (TIRTC) Mask f. mag. 16 S with engraved viewing fields for 80 and 150 mm lenses.



#### 40177 (TIMKC) 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 on most enlargers. Basically, the lens flange can be used with all Hasselblad lenses with Synchro-Compur shutters.



#### 44016 (TIFRC) Rapid winding crank

For taking a series of rapid shots, the film winder knob can easily be replaced by the rapid winding crank. This accessory appreciably increases shooting speed and enables the film to be advanced quickly and smoothly – an enormous advantage in the studio and when photographing sports events.

For the Hasselblad 500C.



#### 54011 (TIMCC) Knob with exposure meter

This film winder knob with built-in exposure meter converts light strength directly into exposure values. It can easily be removed from the camera for separate use when measuring light intensity close to the subject. It is graduated from 6–1600 ASA and 9–33° DIN and is provided with a screen for direct readings against the light source. A mirror located underneath the pointer ensures accurate meter readings.

For the Hasselblad 500C.





#### 40118 (SEMOC) Sunshade

Sunshade 80 for the Planar 80 lens is made of black anodized aluminium and provided with a bayonet fitting. Indicating dots facilitate attachment to the lens. The sunshade eliminates glare and reflections and also protects exposed lens surfaces.



#### 40126 (SEROC) Sunshade

Sunshade 120/150/250 for the S-planar 120, Sonnar 150 and Sonnar 250 lenses. Same finish as sunshade 80 40118 (SEMOC).



#### 40053 (FUDRC) Filter adapter ring, series 63

This filter adapter ring is intended for attaching series 63 filters to the Planar 80, S-Planar 120, Sonnar 150 and Sonnar 250 lenses. It is mounted on these lenses by means of their outer bayonet fitting.



#### Series 50 filters

These filters have a diameter of 50 mm and are designed for use with the Planar 80, S-Planar 120, Sonnar 150 and Sonnar 250 lenses. They are provided with double bayonet fittings and can be attached to each other. The filters are engraved with markings indicating diameter, filter factor, colour and exposure value reduction, in that order.

50016 (TIECB) yellow	50	1.5 × Y - 0.5
50024 (TIEEB) yellow-green	50	2 × YG - 1
50032 (TIEDB) green	50	3 × G - 1.5
50040 (TIEFB) orange	50	4 × O - 2
50059 (TIEGB) red	50	6 × R - 2.5
50067 (TIEHB) haze	50	1 × HZ - 0
50075 (TIECP) polarizing	50	2 × Pola - 1
50083 (TITC) grey	50	4 × Gr - 2
50091 (TIFAC) diffusion	50	DF2

#### Series 63 filters

These filters have a diameter of 63 mm and fit the Biogon 38 and Distagon 50 lenses. They are attached to the lens by means of filter ring 50350 (FUABC). Engraved markings provide the same information as on series 50 filters.

50105 (TIVCB) yellow	63	1.5 × Y - 0.5
50113 (TIVEB) green	63	3 × G - 1.5
50121 (TIVFB) orange	63	4 × O - 2
50148 (TIVGB) red	63	6 × R - 2.5
50156 (TIVHB) haze	63	1 × HZ - 0
50482 polarizing	63	2 × Pola - 1
50164 (TIFCB) diffusion	63	DF 1

#### Series 86 filters

The filters listed below have a diameter of 86 mm and are designed for use with the Tele-Tessar 500 lens. They are threaded internally and externally. The filter is attached to the lens by means of the external thread while additional filters or a sunshade can be fitted on the internal thread.

50172 (TITOC) orange	86	5 × Or - 2.5
50180 (TITHC) haze	86	1 × HZ - 0





### Light balance filters

Light balance filters are used to prevent incorrect colour rendition when taking pictures with positive or negative colour film. They are engraved with markings indicating diameter, filter factor, colour, Decamireds and exposure value reduction. CR indicates a red filter and CB a blue one. All filters are provided with a double 50-mm bayonet fitting for the Planar 80, S-Planar 120, Sonnar 150 and Sonnar 250 lenses.

50199 (TIECC) Set of six filters as below:

50202 (TIKAC) 50 1 × CR 1.5-0

50210 (TIKBC) 50 1 × CR 3-0

50229 (TIKCC) 50 1.4 × CR 6-0.5

50237 (TIKDC) 50 1 × CB 1.5-0

50245 (TIKEC) 50 1.4 × CB 3-0.5

50253 (TIKFC) 50 2 × CB 6-1

50261 (TIEDC) 50 2 × CR 12-1 conversion

filter for using artificial light film in daylight.

50288 (TIEEC) 50 3.5 × CB 12-2 conversion filter for using daylight film in artificial light.

### 40061 (TIFHC) Quick-focusing handle 1 50/80

This quick-focusing handle is made of resilient plastic. The handle, which is adjustable, is simply 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 pre-determined focusing ranges or field of focus settings. This accessory makes the Hasselblad 500C and 500EL even faster and easier to operate and is ideal for sports and news photography. Fits the Distagon 50, 60 and Planar 80 lenses.

### 40088 (TIFIC) Quick-focusing handle 2 120/150/250

This focusing handle fits the S-Planar 120, Sonnar 150 and Sonnar 250 lenses. Same design as the 1 50/80 quick-focusing handle 40061 (TIFHC).

### 43125 (TIFKC) Adjustable flash shoe

This flash shoe is designed to fit the accessory socket on the Hasselblad 500C or 500EL. It is intended for small flash guns and electronic flash units. The flash shoe features a swivelling accessory socket with "click" positions and can be rotated to provide direct or bounce lighting.

For the Hasselblad 500C and 500EL.



### 45047 (TIPGC) Pistol grip

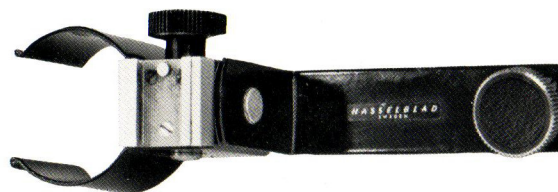
The pistol grip is locked to the camera by means of the quick attachment shoe. Moulded in bakelite, the grip is shaped to fit snugly in the left hand. Exposure is made by squeezing the trigger with the index finger.

For the Hasselblad 500C.



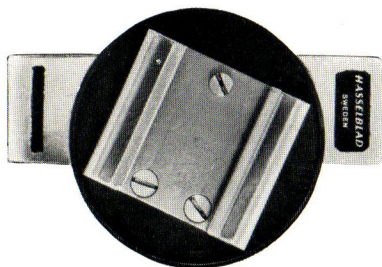
### 45020 (TIBAC) Flash gun bracket III C

This flash gun bracket fits onto the camera's quick-attachment shoe. The grip is shaped to fit comfortably in the left hand. A trigger actuates a cable release which trips the shutter, while a safety catch prevents accidental exposure. On top of the flash unit or flash holder 45039 (TIBOC) can be attached. Supplied with cable release 55018 (TIBUC). For the Hasselblad 500C and SWC.

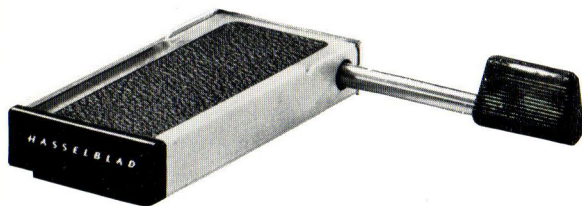


### 45039 (TIBOC) Adjustable flash holder

The flash holder is mounted on flash gun bracket 45020 (TIBAC) and can be turned to provide illumination in the required direction. The lamp tube is gripped by the flash holder clamp which can be adjusted by means of a knurled screw. It is fitted with an accessory socket as well as a holder for the lamp tube.





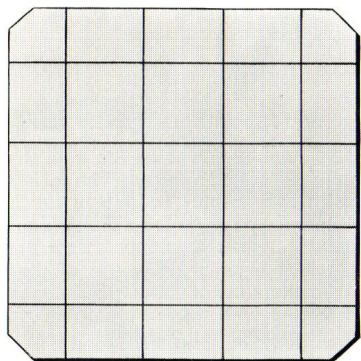


#### 45012 (TISKC) Tripod quick coupling

Tripod mounting is a matter of mere moments for the Hasselblad photographer when using the tripod quick coupling. Provided with both American and European threads, the quick coupling screws onto the tripod and the camera can be pushed home and locked in position with a simple hand movement.

For the Hasselblad 500C, 500EL and SWC.

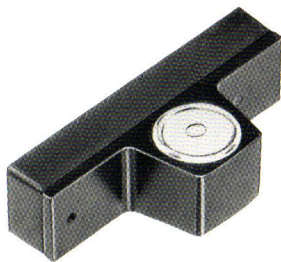
This accessory can also be used with the Hasselblad 1600F and 1000F if quickattachment shoe is fitted to the camera.



#### 42072 (TILMC) Checked screen

This special screen is made of plexiglass lacrylic plastic and engraved with markings which outline picture areas for magazines 16 and 16S. The checked screen can be used for horizontal and vertical picture alignment in architectural photography and photocopying. It is held in position on the ground-glass by the focusing head.

For the Hasselblad 1600F, 1000F, 500C and 500EL.



#### 43117 (TISLC) Spirit level

The spirit level attaches to the accessory socket on the left-hand side of the camera and is observed from above.

The spirit level is particularly useful when photographing with the Distagon 50 lens.

For the Hasselblad 500C and 500EL.



#### 49018 (FUREC) Neck strap

The strap is made of black leather and is adjustable with a simple buckle. A safety spring prevents the attachments from loosening from the camera's strap buttons.

For the Hasselblad 1600F, 1000F, 500C, 500EL, SW and SWC.



#### 46140 (MOROC) Carrying strap

This strap is made of black leather with inlays of sponge rubber.

For the Hasselblad 1600F, 1000F, 500C, 500EL, SW and SWC.



#### 51020 (TIGAC) Light-tight plug 220

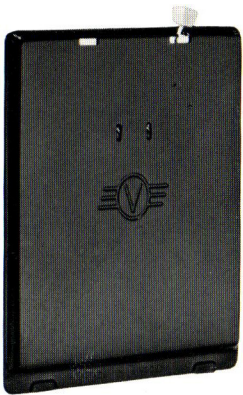
Recommended when using 220 film in magazines 12, 16 and 16S, this plastic light-tight plug fits inside the film window. Supplied in sets of three with film loading instructions.





**50474 (FURAC) Front protective cover**

Made of grey plastic, the front protective cover is provided with lugs which engage in the bayonet fitting on the camera body.  
For the Hasselblad 500C and 500EL.



**41041 (FUPCC) Rear protective cover**

The rear protective cover provides perfect protection for the camera when a magazine is not fitted. It fits the Hasselblad 1600F, 1000F, 500C, 500EL, SW and SWC.



**50369 (FUOBC) Front lens cap 50**

Made of plastic. Fits the Planar 80, Sonnar 150, S-Planar 120 and Sonnar 250 lenses. Bayonet fitting.



**50385 (FUSWC) Front lens cap 63**

Made of plastic. Fits the Biogon 38 and Distagon 50 lenses. Push-on fit.



**50393 (FUTTC) Front lens cap 86**

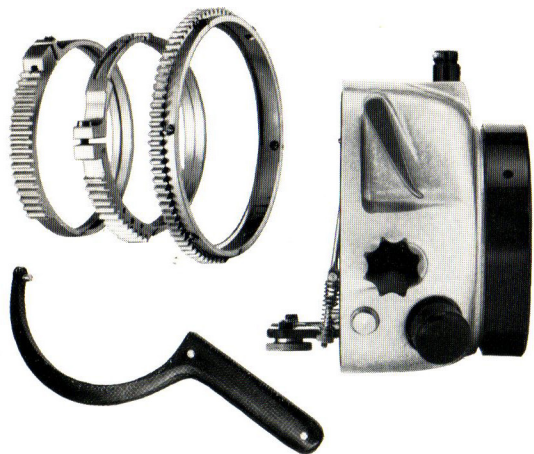
Made of metal. Specially designed for the Tele-Tessar 500 lens. Push on fit.



**50377 (FUOCC) Rear lens cap**

Fits all Hasselblad 500C and 500EL lenses. Made of plastic. Bayonet fitting.



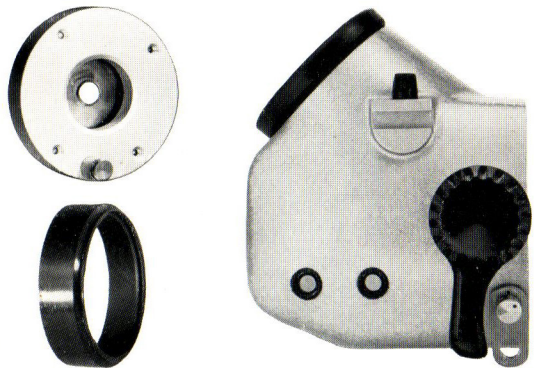


**57010 (UNDFC) Hasselblad underwater case, front section for 500C and SWC cameras**

The front section of the underwater case is made of cast aluminium and incorporates controls for speed, aperture and shutter release. It is anodized and finished in grey.

Hasselblad underwater case, front section for 500C and SWC cameras, is supplied with the following accessories:

- 57088 (UNFAC) Toothed focusing ring A
- 57096 (UNBAC) Toothed diaphragm ring B
- 57118 (UNCAC) Toothed Speed-setting ring C
- 57193 (UNNYC) Front ring wrench
- 57223 (UNPOC) Exposure scale 25/ASA/15 DIN

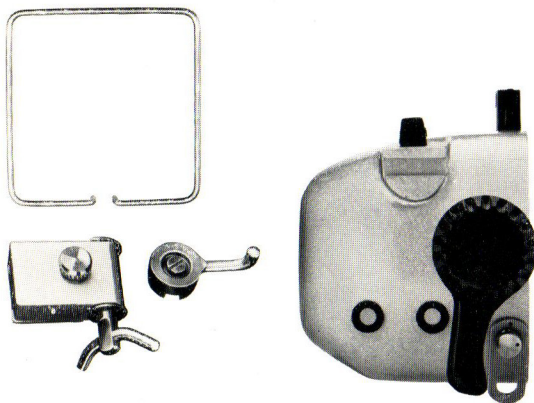


**57029 (UNDBC) Hasselblad underwater case, rear section I with prism finder for the 500C**

Like the front section, the rear section of the underwater case is made of cast aluminium and fitted with two sturdy handgrips, a knob for advancing the film and cocking the shutter, and a focusing knob. The prism finder provides a large, clear and exceptionally brilliant image which greatly facilitates focusing.

The Hasselblad underwater case, rear section I with prism finder for the 500C is supplied with the following accessories:

- 57134 (UNFMC) 500C film advance adapter
- 57231 (UNPAC) Lens locating ring Planar 80
- 57207 (UNNAC) Neck strap

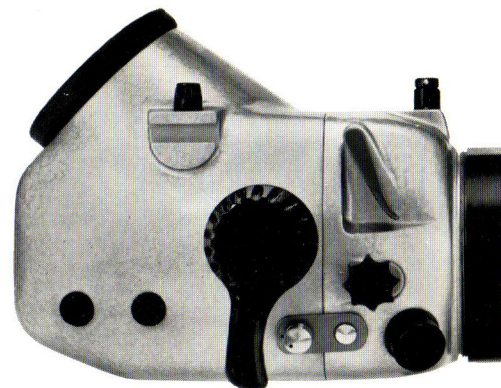


**57037 (UNDAC) Hasselblad underwater case, rear section II with viewfinder clamp for the SWC**

Similar to 57029 (UNDBC) but without prism finder, rear section II is instead provided with a clamp for attaching the frame viewfinder when using the Biogon or Distagon-Planar lenses.

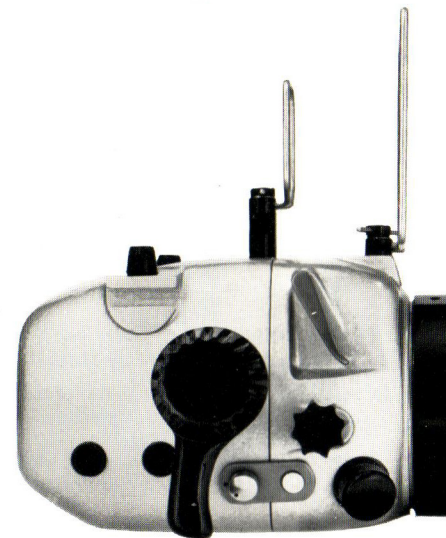
The Hasselblad underwater case, rear section II with viewfinder clamp for the SWC is supplied with the following accessories:

- 57126 (UNFWC) SWC film advance adapter
- 57142 (UNEXC) SWC shutter release adapter
- 57207 (UNNAC) Neck strap
- 57177 (UNRBC) Set of finder frames for the Biogon lens



**57045 (UNDIC) Hasselblad underwater case I for the 500C**

Hasselblad underwater case I consists of front section 57010 (UNDFC) for 500C and SWC cameras and rear section I 57029 (UNDBC) for the 500C with prism finder. Hasselblad underwater case I is made of cast aluminium and designed to withstand pressures down to a depth of 400 feet. Controls are readily accessible and easy to use even at maximum depth. Sturdy handgrips promote ease of handling and ensure accurate control of the camera. Weight in water, with camera: 3.520 lbs.



**57053 (UNDOC) Hasselblad underwater case II for the SWC**

Hasselblad underwater case II consists of front section 57010 (UNDFC) for 500C and SWC cameras and rear section II 57037 (UNDAC) for the SWC with frame viewfinder clamp. Hasselblad underwater case II is of similar construction to 57045 (UNDIC) but is supplied with a frame viewfinder for the Biogon lens instead of a prism finder. This underwater case may be used for the Hasselblad 500C with magazine 12, 16, 16 S and 24 when it is then augmented by a frame finder, intermediate tube and lens locating ring according to the lens used (Planar 80 or Distagon 50).



**57215 (UNLCL) Lamp tube with reflector and bracket**

Designed for use with the Hasselblad underwater case, this robust lamp tube and reflector is made of aluminium. It accepts glass-base flash bulbs and incorporates special waterproof contacts. The reflector ensures maximum light intensity. Auxiliary lighting is essential for underwater photography at depths below 35 feet, even in the clearest water.





**57061 (UNDRC) Intermediate tube with lens locating ring for Distagon 50**

Since wide-angle lenses are to be preferred as far as possible for underwater photography, an intermediate tube has been produced which enables the Distagon lens to be used in the underwater case. The flat-ground front glass must be moved outwards and an extra lens locating ring fitted to the underwater case. This locating ring is made of aluminium and anodized in black.



**57185 (UNBPC) Rear finder frame for Distagon 50 and Planar 80 lenses**

This finder frame is made of heavy-gauge stainless steel wire and swivels to suit the two lenses. It attaches to rear section II 57037 (UNDAC). To avoid parallax error, it is adjustable from 0,7 m (27 1/2") to infinity.



**57258 (UNRIC) Exposure scale 64 ASA/19 DIN**  
**57266 (UNROC) Exp. scale 400 ASA/27 DIN**

Two interchangeable scales are provided for the exposure meter located in the front section of the underwater case. These scales are made of plastic and are simple to change.



**52035 (TISOC) Finder for the SWC**

This brilliant optical finder, fills two functions – it shows the picture area and, via the prism, enables the camera's spirit level to be checked. This is particularly useful when taking free-hand shots.

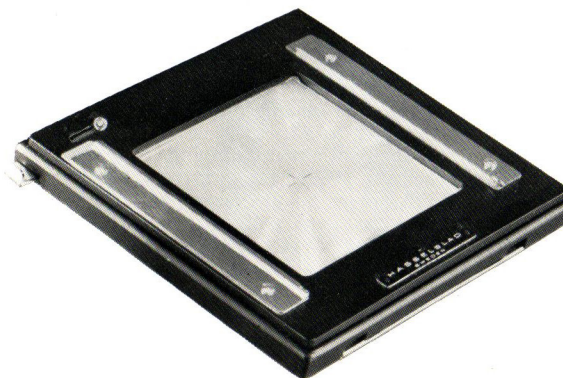
For the Hasselblad SW and SWC.



**Mask for SWC finder**

42048 (TIRYC) Made of anodized aluminium, finished in black enamel. Pressed into position on the SWC finder, it shows the picture area obtained when using magazine 16.

42056 (TIPAC) This mask is similar to the above but shows the picture area obtained with magazine 16S.



**41025 (TIGGC) Ground glass adapter**

For easy control of picture composition and accurate depth-of-field determination. Incorporating a Fresnel lens, the ground glass adapter provides a brilliant picture right out to the edges of the field. It can be combined with magnifying hood 42013 (TIHC) or the standard focusing hood 42021 (FUSRC) used on the Hasselblad 500C and 500EL, for which it has a special stop. It attaches to the camera in the same manner as the magazines. For the Hasselblad SW and SWC.





#### 56049 (MOTPC) Timer

The Hasselblad timer is an electro-mechanical release mechanism for the Hasselblad 500EL. It is designed for programming the camera to make single or repeated exposures at fixed time intervals. By means of the timing scale on the setting dial, it is possible to select between 2 and 60 intervals for each of the three time ranges — seconds, minutes and hours. Manual exposures, which have no effect on a pre-set time interval, are made with the release button. Sockets for connecting up and switching on flash or photoflood illumination are incorporated in the timer. The Hasselblad timer is delivered for 110 volt, 60-cycle (American plug) or 220 volt, 50-cycle (European plug) with carrying strap 46140 (MOROC) and extension cord LK 500, 46027 (MOTOC).

For the Hasselblad 500EL.

#### 56022 (MOTLC) Recharge unit I

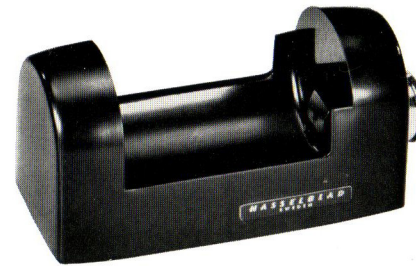
Recharge unit I is designed for recharging one or two batteries in the camera. Charging time for one completely discharged battery is 14 hours. If two batteries are charged at the same time, total charging time will be 28 hours. This unit is connected to the side socket of the Hasselblad 500EL and plugged into an a.c. mains supply of either 110 volts (American plug) or 220 volts (European plug).

For the Hasselblad 500EL.

#### 56030 (MOTUC) Recharge unit II

This unit is intended for charging batteries in the camera or in the Hasselblad battery compartment 56014 (MORAC) which may be connected to the recharge unit. Recharge unit II is equipped with an adjustable timer which automatically interrupts the charging process when the pre-set time has elapsed. Charging time for one or two fully discharged batteries is 14 hours. Sockets are provided for continuous charging, enabling the Hasselblad 500EL and batteries to be run off the mains supply when the camera is set up for stationary use. A special socket is also provided for release cord SK 150 46086 (MOTRC). Available for operation on 110-volt, 60-cycle (American plug) or 220-volt, 50-cycle (European plug) a.c. mains supplies.

For the Hasselblad 500EL.



#### 56014 (MORAC) Battery compartment

The battery compartment is used together with recharge unit I or recharge unit II for charging NC batteries outside the Hasselblad 500EL. It is made of durable plastic.

For the Hasselblad 500EL.

#### 46094 (MOTBC) Battery case

This battery case has been designed to permit charging the camera batteries at places where no a.c. mains supply suitable for recharge units I and II is available. Five standard 1.5-volt dry batteries of good quality will bring two batteries in the camera to a fully-charged condition simultaneously. Exposures can be made with the battery case connected, but the camera must then be loaded with at least one battery. Charging time is 14 hours. The battery case is made of black anodized aluminium. It is delivered with extension cord LK 150, which is plugged into camera's side socket, but without a carrying strap.

For the Hasselblad 500EL.



#### 46019 (MOTYC) Connecting cord LK 150 46027 (MOTOC) Connecting cord LK 500 46035 (MOTIC) Connecting cord DK 3000

Connecting cords LK 150 (5 feet in length) and LK 500 (16 feet in length) are mainly intended for connecting recharge unit II to the camera.

Connecting cord DK 3000 (100 feet long), coupled to cable release SK 150 46086 (MOTRC), permits exposures to be made at greater distances from the camera. Connectors are provided with a bayonet catch for extra safety. Two to six DK 3000 may be joined together to make a release cord. However, a transistor amplifier 46124 (MOTTC) must be connected in circuit next to the camera when cord length exceeds 100 feet.

For the Hasselblad 500EL.



DK 3000

LK 150  
LK 500





**46043 (MOTAC) Cable release FK 30**  
**46051 (MOTEC) Cable release FK 300**  
**46078 (MODOC) Cable release FK 600**

Cable releases for connection to the front sockets of the Hasselblad 500EL are available in three lengths: FK 30 which is 1 foot long, FK 300 which is 10 feet long, and FK 600 which is 20 feet long. These cords are extremely supple and flexible. They are fitted with a release button and connector of Hasselblad design. A shockproof sleeve protects the release button from accidental operation. May be connected to either of the camera's two front sockets.

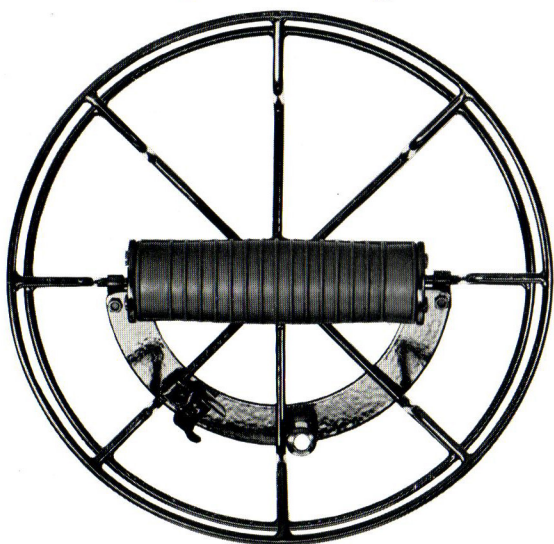
For the Hasselblad 500EL.



**46086 (MOTRC) Cable release SK 150**

This cord measures 5 feet in length and is provided with a release button of Hasselblad design at one end and a standard five-pin plug at the other which fits directly into the side socket of the camera or any of the connecting cords. Cable release SK 150 is used in conjunction with connecting cord DK 3000 46035 (MOTIC) for making exposures at greater distances from the camera. It may also be plugged into a special socket on recharge unit II, enabling the camera to be used while the batteries are being charged.

For the Hasselblad 500EL.



**46108 (MOTVC) Cord reel**

This cord reel provides a quick and convenient means of carrying, laying out and storing 100 feet cords DK 3000 46035 (MOTIC). It consists of a plastic-coated welded steel wire drum, rubber handle and crank.

For the Hasselblad 500EL.



**46124 (MOTTC) Amplifier**

When connecting cords longer than 100 feet are employed, the use of an amplifier becomes necessary. This transistor amplifier should be connected between the camera and the first extension cord.

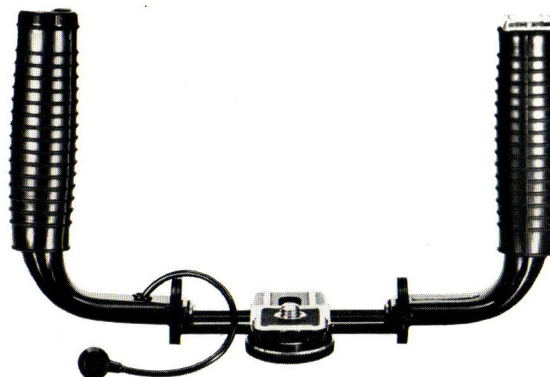
For the Hasselblad 500EL.



**46167 (CARAC) Case for radio**

The Hasselblad 500EL may also be remotely controlled by radio. A tone transmitter is employed to send a release signal to the camera. It is powered by two standard flash-lamp batteries. The receiver can be mounted in a special leather case 46167 (CARAC) designed for attachment to the camera accessory shoe. Power for the receiver is supplied by the camera batteries. Leather case will be delivered with connecting cord to the camera.

For the Hasselblad 500EL.



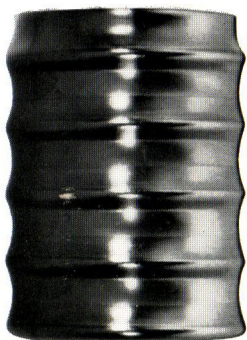
**46132 (MOTXC) Double handgrip**

When the Hasselblad 500EL is used for certain special purposes, the double handgrip provides a firm and comfortable hold. In order to achieve good balance when using accessories on the camera which may alter the centre 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 the Hasselblad 500EL.

(Available approx. in the middle of 1966)





#### 56081 (MOTNC) Battery

Batteries for the Hasselblad 500EL are DEAC type 5/500 DKZ without soldering tabs or terminal knobs (rechargeable nickel cadmium cells, size  $1\frac{3}{8}'' \times 2''$ ) of standard pattern.

For the Hasselblad 500EL.



#### 56111 (MORTC) Fuse

A 1.6-amp  $5 \times 20$  mm time-lag fuse is used in the Hasselblad 500EL.

For the Hasselblad 500EL.



#### 46175 (MOTCC) Socket cap

This plastic socket cap effectively protects the camera's side socket from dust, dirt and damage.

For the Hasselblad 500EL.



#### 46116 (MOTSC) Release button

Normal free-hand exposures are made with release button. Pressing on this button closes an electric circuit and releases the shutter. May be fitted to either of the camera's two front sockets.

For the Hasselblad 500EL.



#### 58017 (CASAC) Case 502

A handsome ever-ready case in black leather. By means of a quick-release catch the camera can be removed from the case in an instant. This case also provides special protection to the film winder knob with built-in exposure meter.

Dimensions:  $4\frac{3}{4}'' \times 4\frac{1}{2}'' \times 8''$   
( $120 \times 112 \times 205$  mm).

For the Hasselblad 500C.

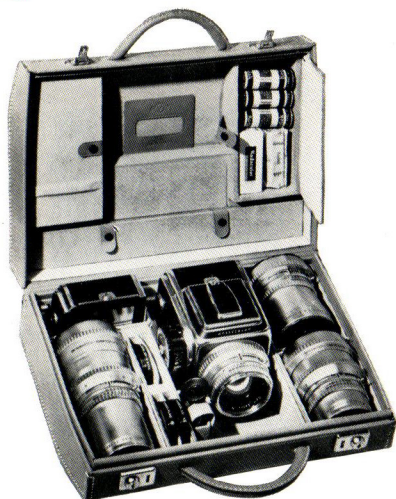


#### 58025 (CASWC) Case 503

This case is primarily intended as an ever-ready case for the Hasselblad SWC, but it also makes an excellent case for Hasselblad 500C, 1000F and 1600F cameras. Made of soft, hard-wearing leather, it is attached to the camera by means of the neck strap. The case is provided with a zip fastener which permits the camera to be readied for action in seconds.

Dimensions:  $4\frac{1}{4}'' \times 4\frac{3}{4}'' \times 7\frac{1}{4}''$   
( $107 \times 120 \times 185$  mm).





#### 58033 (CAAPC) Case 511

An elegant and practical carrying case. It holds the Hasselblad 500C fitted with the Planar 80 lens, the Distagon 50, Sonnar 150 and Sonnar 250 lenses, extra magazine with crank, extension tube or magnifying hood, filters, sports viewfinder, sunshade, tripod quick coupling, exposure meter and film.

Dimensions: 10" × 5" × 12 1/4"  
(255 × 125 × 315 mm).



#### 58041 (CAEFC) Case 515

This practical and handy carrying case is made of handsome hide and lined with soft suede. Although small in size, it provides space for a wide range of equipment. Special holders are provided for the Hasselblad SWC with finder or the Hasselblad 500C and Planar 80 lens, sunshade, exposure meter, quick-focusing handle and viewfinder. It also provides space for the Sonnar 150 or Sonnar 250 lenses or extra magazines. An alternative combination is the Distagon 50 lens, extra magazines, extension tubes and rolls of film. Filters and the like can be stored in the lid.

Dimensions: 6" × 8 1/2" × 10"  
(155 × 220 × 255 mm).



#### 58068 (CAMOC) Case 517

The Hasselblad owner will find space for a wide collection of equipment in the 517 case. Of robust and sturdy construction, it is covered with leatherette and lined with oxhide nappa. It has room for the combination Hasselblad 500C, SWC and bellows extension or the 500C, SWC and 500EL. In addition, the whole series of lenses — except the Tele-Tessar 500 mm — all the magazines, magnifying hood, eye-level prism finder, sports finder, microscope adapter, extension tubes, filters, film etc.

Dimensions: 17 5/16" × 5 5/16" × 22 1/4" (440 × 135 × 565 mm).



#### 58076 (CAIKC) Case 518

This is a rugged and durable case designed for the press photographer. It has special holders for two Hasselblad cameras. The 500C/SWC, 500EL/SWC or 500C/500EL may be combined according to needs. It also holds extra magazines, several lenses, finders, film, etc. The case also has a roomy outside pocket.

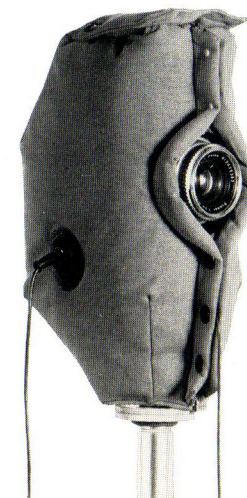
Dimensions: 9 5/8" × 10 3/8" × 14" (245 × 265 × 375 mm).



#### 58092 (CAMAC) Case 565

The 565 case is specially designed for the Hasselblad 500EL with accessories. It is sturdy and robust, covered with leatherette and lined with oxhide nappa. There is ample space for the Hasselblad 500EL with lens series — except the Tele-Tessar 500 mm — the SWC, all magazines, timer, recharge unit, cables, extension tubes, finders, filters, film, etc.

Dimensions: 19 1/8" × 5 1/2" × 26 3/16" (484 × 140 × 665 mm).



#### 58106 (CABIC) Blimp

A protective cover of gray-green, waterproof cotton, the so-called Blimp, has been designed for the Hasselblad 500EL. It is intended for use particularly by nature and press photographers. The Blimp protects the camera against rain and cuts down the sound of the motor and shutter-cocking. With its gray-green color, it also acts as camouflage. There is a socket for extension cords. Focusing is not hampered, but the use of focusing handles is recommended. The Blimp is supplied with a lens-protection cover.

Dimensions: 13 3/4" × 9 3/4" × 4 1/4" (350 × 250 × 110 mm).



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