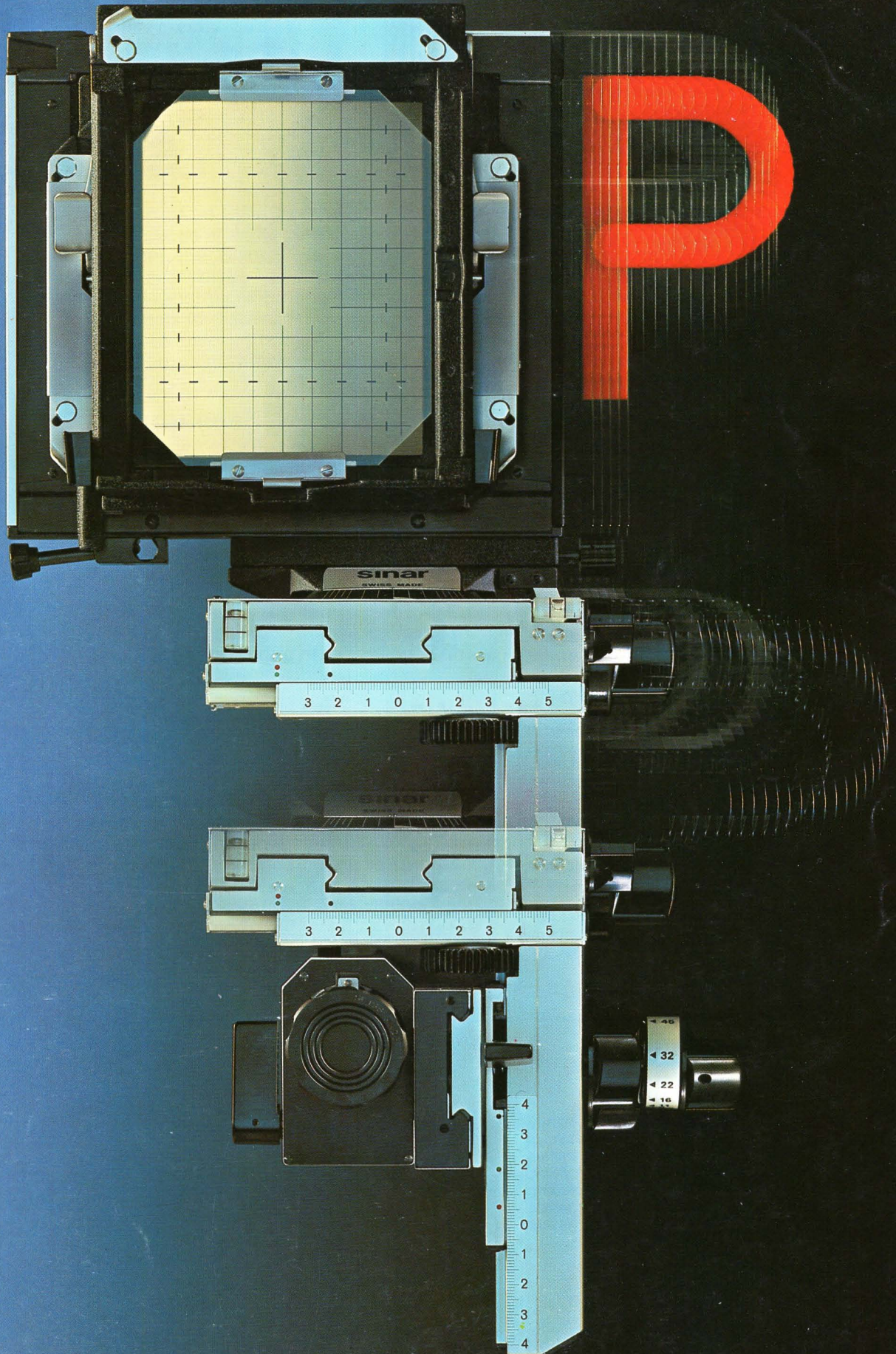


sinar p

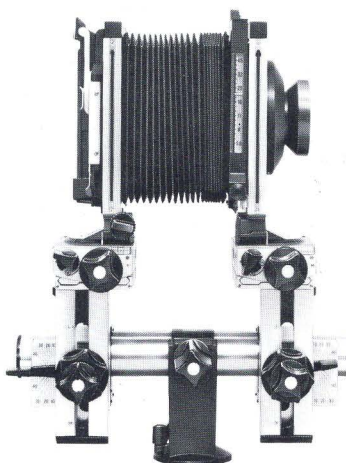


Choose your camera – within a consistent system

SINAR-p – perfection in operational convenience. Takes eleven image formats up to 8×10 inches. Patented asymmetrical swing and tilt system of great effective base length with swing and tilt axes in the film plane. Precision adjustment with micrometer drives. Angle of tilt established while focusing. Scale for depth of field setting at full aperture. Eleven picture formats from 1¾×2¼ inches (4,5×6 cm) up to 8×10 inches, using roll film, sheet film, film pack, and instant picture material (including retrievable negative system).

Choice of over 200 lenses in focal lengths from 47 mm to 1000 mm, including 37 lenses from 65 mm to 480 mm with automatic aperture control.

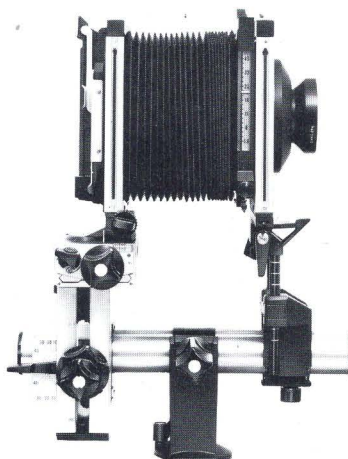
The top camera of the SINAR system.



sinar **P**

SINAR-c – the combination model.

Like the SINAR-p but with multi-purpose standard bearer for the lens standard.

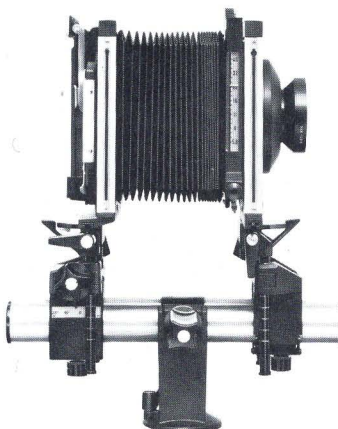


sinar **C**

SINAR-f (field) for 7 picture sizes up to 4×5 inches. It differs from the SINAR-p(c) in using the multi-purpose standards, front and back. That makes it less expensive, smaller and lighter. Patented angle measuring scale for sharpness control by tilting. Depth of field indication for all lenses at full aperture. 7 picture sizes up to 4×5 inches using roll film, sheet film, film pack, or instant picture material (including retrievable negatives).

Choice of more than 200 lenses from 47 mm to 1000 mm, including 37 (65 mm to 480 mm) with automatic aperture control.

Can be converted to the SINAR-p(c) and the larger formats and takes all accessories of the world-famous SINAR system. For more information please ask for leaflet fE.



sinar **F**

SINAR-handy for 7 image sizes up to 4×5 inches. Handy to hold and handy to handle, takes six wide-angle lenses in focusing mounts. Picture sizes from 1¾×2¼ inches (4,5×6 cm) to 4×5 inches, using roll film, film pack, sheet film or Polaroid instant picture material (including retrievable negative). Can be converted to other models within the world-famous SINAR system. For further information please ask for the handy-E leaflet.



sinar-handy

SINAR – Pioneer in view camera construction

Run no more risks in selecting a camera. Choose exactly the camera to suit you when you buy it – and extend it when your requirements grow. The SINAR system remains the same: you only change components.

Identical

features of all SINAR outfits:

- The scope of extension and combination within the SINAR system. The entire cameras can be converted from one model to another, without superfluous components to discard.
- The accessories range
- Uniform high precision

Differences

between the cameras:

- Operational convenience
- The range of image sizes
- Weight
- Bulk
- Price

The SINAR range is a consistent system. None of the cameras exists in solitary isolation. Even the scope of extension is uniform.

The same applies to the accessories. This makes the SINAR a truly universal camera planned that way with maximum economy.

The movements of the SINAR view cameras are yaw-free even with the standards tilted, provide 2-point focusing with a large base length from one image edge to the other and measure the tilt angles. They also feature universal depth of field scales. Even older SINAR models of more than 20 years ago can be combined.

In 1948 SINAR introduced the first modular view camera. It literally gave large-format photography a new perspective.

The modular construction unit system is a universal and ideal tool for every photographic assignment. Its immense adaptability stimulates new approaches. Yet even 30 years ago the SINAR system was planned ahead to a degree which made the development of the SINAR-p, -c, -f and SINAR-handly possible without changing the basic design. If you buy a SINAR, you keep up with all technical developments of the future, for your present SINAR outfit will always be part of the system – without discarding a single item.

But the SINAR is not only a famous view camera. In addition to 11 large picture sizes the system can take in even motion picture, miniature and medium-format cameras. The SINAR has become a truly universal photo equipment system.

Simple operation is no luxury

The camera is a picture making tool. Unnecessary technical bits and pieces – trial-and-error fiddling – complicate professional operation.

As the SINAR design has to meet requirements of photographic experts, the new SINAR range is incredibly convenient. It relieves the photographer of technical details – your only job is to:

Concentrate on making better pictures

Many design details of the SINAR-p – some of them unique – serve this aim, and provide *improved precision focusing*. Read more about it on the following pages.

Every SINAR camera is delivered with THE SINAR SYSTEM HANDBOOK by Carl Koch, showing on more than 130 pages how you can get the most out of your SINAR.



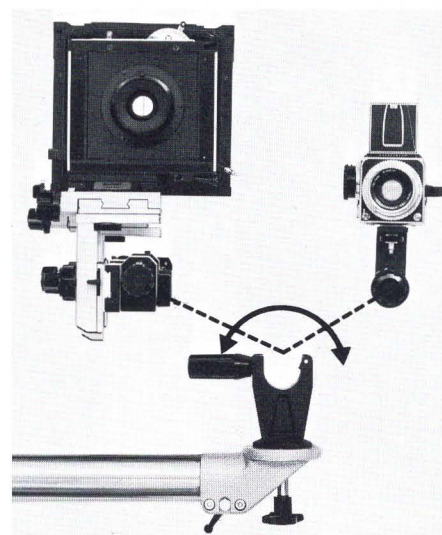
Camera shown on approx. 1:1.8 scale

Functional all-round – tailored to your hands

Every single performance feature of your camera benefits thousands of your shots.

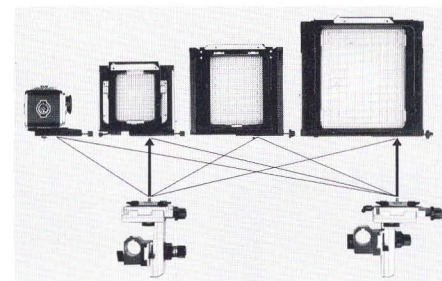
- 1 Precision sharpness starts with a firm camera support. The SINAR-p therefore has a 3-point support. A lever movement locks the camera *without backlash* on the tripod head, you only have to tighten the tripod screw fingertight.
- 2 *Camera extension.* The basic rail unit of 12 inches (30 cm) is *never in the way* with wide-angle shots, *yet unlimited in potential length*. For extension rail units of 6, 12 or 18 inches can screw on to either end of the standard rail.
- 3 Axial movement in the rail clamp assures optimum *balance of the camera* on the tripod, at all camera extensions.
In the tradition of the SINAR, the SINAR-p offers full *wide-angle scope*. Lenses of focal length from 65 mm remain accessible without recessed lens boards. The rail clamp can remain between the standards; there is no need to dismantle and re-assemble the camera.
- 4 *Coarse adjustment of the standards* along the rail permits quick extension changes and rapid switching of the standards.
- 5 Furthermore the SINAR-p provides a coarse tilt of 45° each way about the horizontal axis, in addition to the 20° each way of the micrometer drives. This important tilt range thus covers 65° in either direction – altogether 130°. Thanks to the large parallel displacement and swing-and-tilt movements the *adjustment range* exceeds every possible lens coverage. Figures are given on page 13. Freedom from yaw (blue line) with the SINAR-p inclined provides *additional* adjustment scope.
All movements have precision *zero engagement stops*.
Protected *spirit levels* check the required vertical and horizontal alignment.
Large tilt scales simplify reading and setting for sharpness distribution in depth – a further important precision feature.
Interchangeable bellows, backs, standard lens boards and rail extensions immensely increase the camera versatility. This standardization simplifies operation and reduces costs. *The interchangeable system greatly extends the scope* far beyond that of hand or flat bed cameras.
- 6 The locking levers for changing the components also act as visible *warning signals* when they are open or not correctly closed.
- 7 The *low mounting point for the filter holder and bellows hood* reduces vibration of the lens standard – equally important for optimum sharpness.
- 8 *The format frames without U-bracket* are a central component of the progressive SINAR-p design. The movement mechanism is all contained in the standard bearer underneath. So there are no obstructing side supports. This extends the horizontal tilting range and simplifies format changes.
- 9 *Economical format changing.* The three format frame units cover eleven image sizes from 1¼×2¼ inches (4,5×6 cm) up to 8×10 inches and 18×24 cm. Turning the knob 9 releases the frame from the standard bearer. The format frames are thus *independent of the camera movements*. This makes them more compact, lighter and cheaper. When switching to smaller formats they further reduce the bulk and weight of the camera – yet provide full wide-angle versatility. Reducing adapters are also available.
The *standard bearer* incorporates all camera adjustments and is available in two sizes for either a basic 4×5 inch/9×12 cm or a basic 8×10 inch/18×24 cm camera format. However both types of standard bearer can be used with all three format frames.
With each format the frame is *easily centred* with colour coded engagement stops by onehand operation with the micrometer drives.
The focal plane is identically located in all three format frames, thus simplifying focusing when changing formats.
Any tilt and swing angles are also retained (in the standard bearer) when changing formats. This again simplifies focusing.
The 4×5 inch/9×12 cm format frame is also the “camera body” of the SINAR-handy.
- 10 *The lens range* of the SINAR-p is truly professional with a choice of over 200 types. You can fit your own lenses; most of these can be equipped with the SINAR aperture control for adjustment from behind the camera back, and can be used with the SINAR shutters. Moreover 37 lenses are available with the automatic spring-loaded SINAR aperture control DB for use with the SINAR DIGITAL and Auto-aperture shutters. The SINAR lens catalogue lists the full lens range with technical data.

The range of film holders for the SINAR-p covers eleven formats, including 1¼×2¼ and 2¼×3¼ inch (4,5×6 and 6×9 cm) roll film holders, special holders for 10 or 20 exposures 2¼×2⅞ inches (56×72 mm) on No. 120 or 220 film respectively, also push-in roll film magazines. Double sheet film holders cover film sizes from 9×12 cm up to 8×10 inches. Polaroid instant picture film holders for formats 3¼×4¼, 4×5 and 8×10 inches. The full range and order codes are listed in “The systematic system” catalogue ZE and the SINAR Construction Unit CODE catalogue.



Quick camera change

A few turns of the handy rail clamp knob suffice to allow removal of the camera, for instance to fit a medium format camera mounted on the universal camera holder No. 519.11. The camera can *turn sideways* through over 180° (in the direction of the arrow). In conjunction with the SINAR pan-and-tilt head you therefore have a two-way tilt with any camera.



SINAR system

With the camera support 519.21 small and medium format cameras can also be integrated into the SINAR system.

No more trial-and-error fiddling – Two-point focusing with large base length



Simplified operation is not a luxury but an important aid to better pictures.

Precision one-hand operation of the camera movements with self-braking micrometer drives for simultaneous image control on the screen. It's simple and quick, without unlocking and locking.

- 20 focusing
- 21 vertical displacement
- 22 lateral displacement
- 23 swing and tilt adjustment
- 24 changeover lever to switch the micrometer drives from horizontal to vertical adjustment.

Easy adjustment from one operating position – behind the camera.

- 25 spirit levels
- 26 vertical and horizontal displacement scales
- 27 large swing and tilt scales simplify precise control of the adjustments
- 28 with the SINAR shutters the same applies to the exposure time and aperture

EXCLUSIVE:

The patented asymmetrical swing and tilt axes of the SINAR-p provide a long base length for *precision sharpness distribution control* across the whole image.

EXCLUSIVE:

The SINAR segment tilts locate *both* the swing and tilt axes exactly in the film plane. This means *no refocusing* when swinging or tilting, and exact focus in the swing or tilt axis.

The swing and tilt axes of the lens standard also have a common plane. This greatly *reduces refocusing* with lens tilts and swings.

These features greatly simplify *sharpness distribution control*:

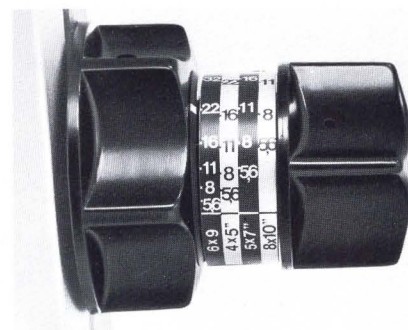
You focus on a selected point (for instance H) on the horizontal tilt axis by turning the knob 20. Now turn the knob 23 (with the changeover lever 24 set to H for the horizontal axis) until a point H' at the other side of the image is also sharp. That is all.

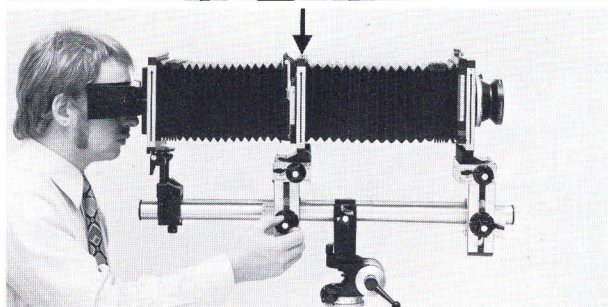
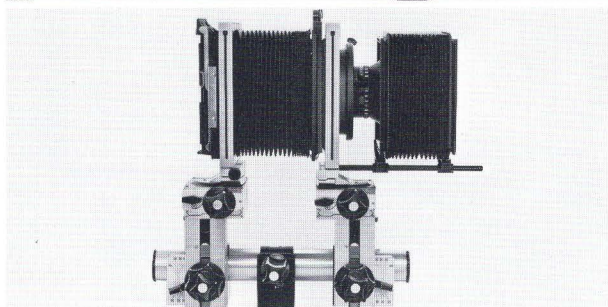
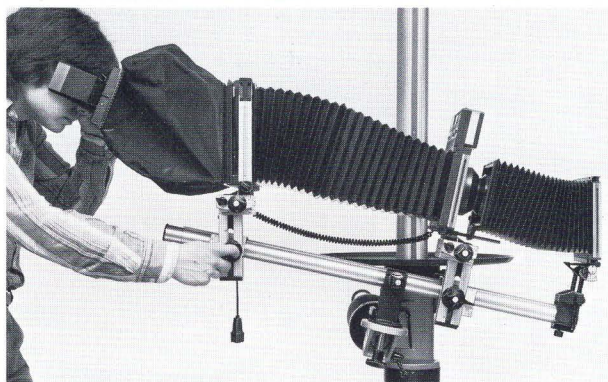
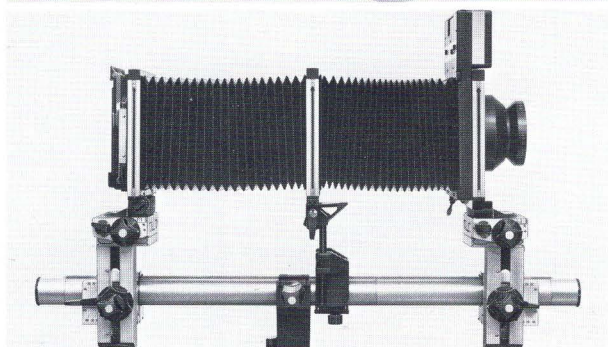
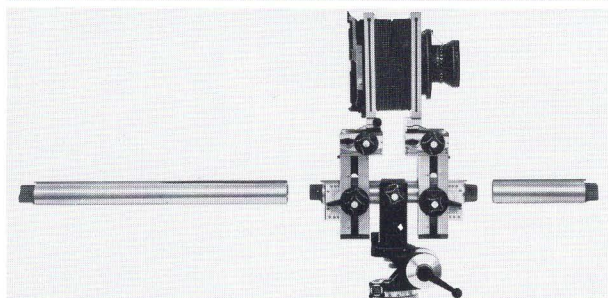
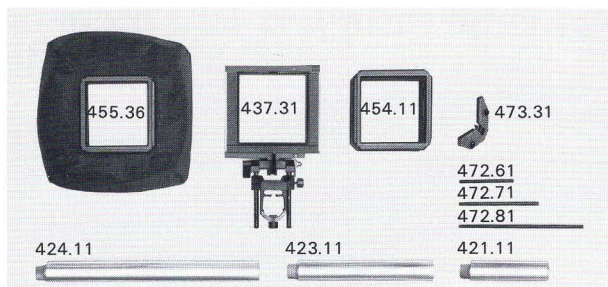
When focusing on an off-axis image point, repeat the described setting procedure. This eliminates any residual errors.

For swinging about the vertical axis you switch the changeover lever 24 to V and then proceed in the same way – focusing first on a point on V and then on V'. That is all.

For sharpness control with lens tilt (where the perspective must remain constant) the tilt angles obtained are simply read off on the image standard, and the latter returned to its starting position. These tilt values are transferred to the lens standard, turning in the same direction. Re-focus for overall sharpness and make any final precision adjustments on the image standard. That is all.

This two-point tilt and swing method replaces cumbersome trial-and-error adjustments by a simplified precision system.





Extending your camera – in the SINAR system

(The SINAR goes on where others stop)

The versatility of a view camera – the professional photographer's tool – only goes as far as its convertibility and extension scope for specific jobs. It stops when an essential accessory is not available.

Here too the SINAR-p – like all SINAR cameras – knows no limits, thanks to the world-famous SINAR system.

Just a few accessory items immensely extend the scope of the SINAR. This is because these parts all have *multiple uses*, a typical feature of the carefully planned SINAR system. The extension scope shown is identical with all format adapters of the SINAR-p(c).

Increasing the camera extension

SINAR extension rails can be screwed in any combination to the front or rear of the basic rail. Extension rails are available in lengths of 6, 12 and 18 inches (15, 30 and 45 cm). This can increase the extension in 6 inch steps – up to 3 feet or more – and involves no dismantling of the camera. The extension rails also have multiple uses, for instance with the SINAR clamping stand.

This multi-purpose standard I plus a universal bellows already permit camera extensions up to 3 feet. For rapid fitting without dismantling the camera, this standard has a hinged opening collar. Unlike cameras without interchangeable bellows (including flat bed view cameras) or without extendible rail, the SINAR knows no extension limits.

Lens hoods

The ideal lens hood is the fully adjustable bellows hood, *supported at the front on the main rail*. This has various advantages:

With the camera inclined, the hood remains lined up with the camera direction. This is particularly important with long extensions (close-ups etc.).

Swinging or tilting the lens does not move the hood and causes no vignetting by it. The lens standard does not have to carry unnecessary weight. This means less vibration and better sharpness.

The full range of camera movements remains available even at short extensions, as the lens end of the bellows can be detached from the bellows holder. The precisely and universally adjustable multi-purpose standard also allows the use of the bellows hood for multiple exposures and matte shots.

For less exacting requirements the simpler light-weight extendible lens hood set-up can be used. This consists of the universal square bellows and two bellows holders. The supporting rod also takes the filter holder. Lens changes and focusing are possible without upsetting the viewing angle covered by the hood.

Fixed image viewing

The same components also facilitate fixed image viewing without hands when the SINAR binocular magnifier is used in the studio. Note the opening for inserting the film holder (arrow).

Wide-angle photography

For many photographers the wide-angle bellows is the most important first accessory. It permits full use of all movements at short extensions, where cameras without interchangeable bellows would be severely limited.

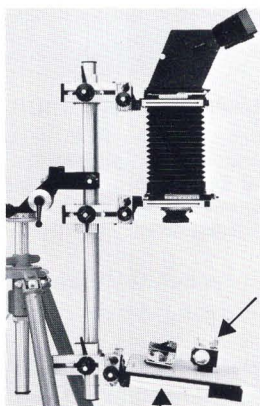
The wide-angle bellows can also serve as a hood (with opening for inserting the film holder) to keep light off the ground glass screen when viewing with the SINAR binocular magnifier.

Close-ups, macro and mirror shots

The multi-purpose standard (preferably use model II with fine focusing drive) combined with the large format frame becomes an object stage for close-ups and macro-photography. This arrangement again provides full sharpness distribution control, precision focusing and image centering. As the camera and object are supported by the same rail, vibration risks are reduced. Reflected and transmitted illumination can be used (see arrows). The SINAR mirrors (including the semi-reflecting mirror) also permit special effects.

The multi-purpose standard, basic rail, universal bellows etc. are also parts of the SINAR-f. So if you ever need a second camera, you can assemble it from the parts you already have at very little extra cost. See the SINAR-f leaflet.

For the complete extension range and accessories see "The systematic system" catalogue ZE.



Cases

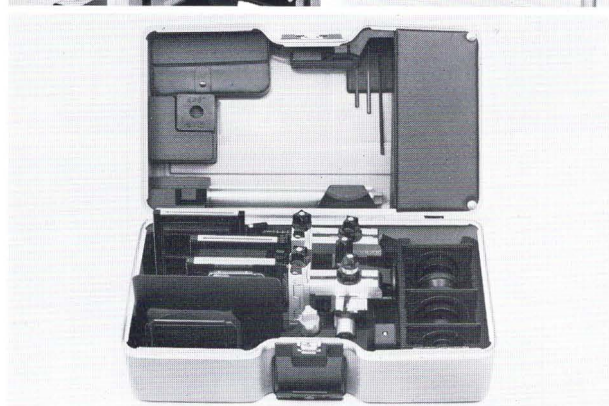
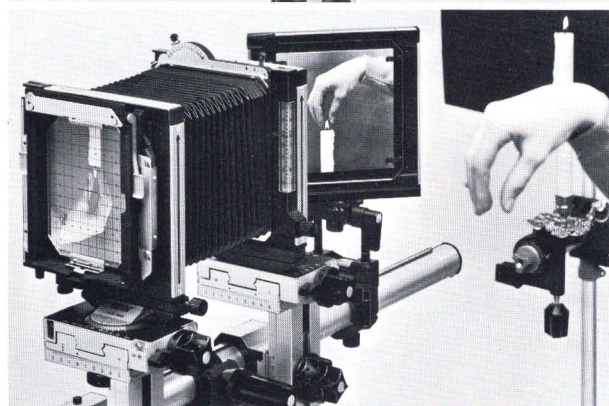
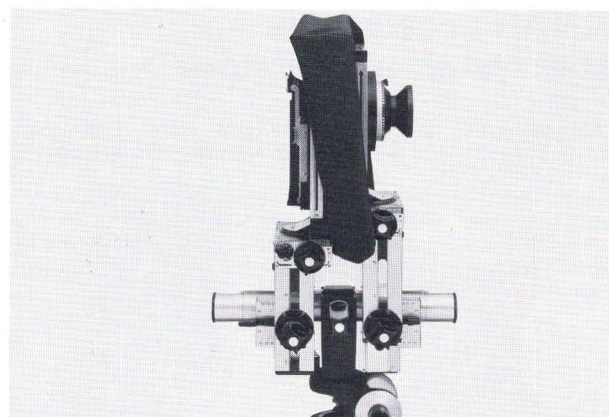
The case 475.32 shown holds the 4×5 inch/9×12 cm or 5×7 inch/13×18 cm camera and has room for the extension items mentioned (including the binocular magnifier and filter holder) plus four or five lenses and ten 4×5 inch or five 5×7 inch double sheet film holders.

A similar case is available for the 8×10 inch/18×24 cm camera with space for the extension items mentioned (including the binocular magnifier and filter holder) plus four to five lenses and six double sheet film holders.

The camera case has four detachable casters and a pulling strap. It can also serve as a stool for high-angle camera levels.

Special adapter cases are available for the 5×7 inch/13×18 cm and 8×10 inch/18×24 cm format changing sets with corresponding bellows as well as wide-angle bellows and 7 double sheet film holders.

The figure shows the 4×5"-5×7" camera case.



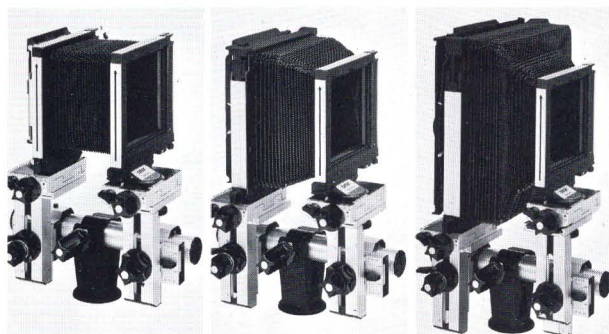
The different outfits

The SINAR-p is available in two alternative outfits (lenses and film holders separate in each case).

The basic outfit is the SINAR STANDARD in the three main formats, as shown to the right.

A more comprehensive professional outfit is the SINAR EXPERT, again in the three basic formats. It comes in a case complete with the most important extension parts and accessories.

Details of the items in each outfit are shown in the SINAR Construction Unit CODE catalogue BE.



SINAR accessories – The systematic system

The accessories described below cover some of the main items. The full range is listed in the accessories catalogue ZE, as in leaflet CODE.

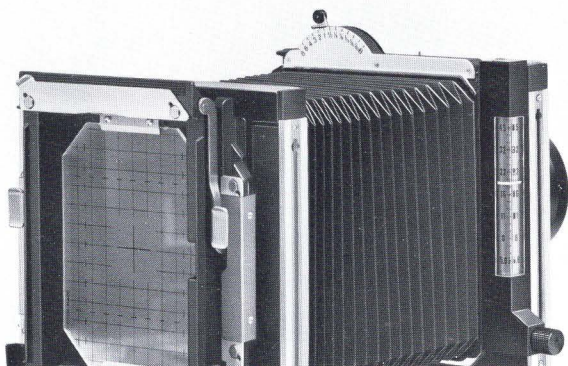
The versatility of a modular view camera becomes even more comprehensive with the accessories available for it. The proved SINAR accessories range is therefore an equally meticulously planned system. It again includes several important main items.

Better shooting concentration ... leads to better pictures

The SINAR not only takes usual professional lenses, but can also be used with the SINAR behind the lens shutters. These shutters can be controlled from behind the camera – you do not have to run out in front to make adjustments.

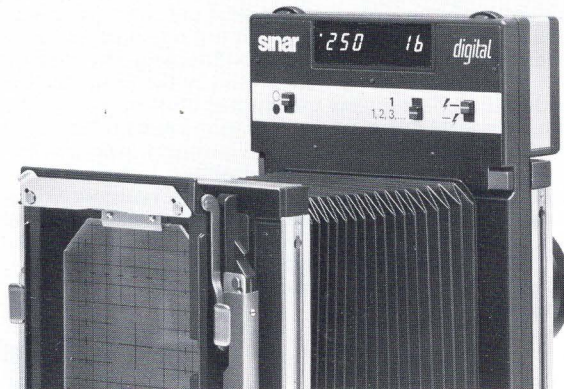
These shutters immensely simplify camera handling. They can be used with over 200 professional lenses, in focal lengths from 65 mm to 480 mm (up to 960 mm with rear lens unit). The exposure times are *identical* for all lenses. Cable linkage permits automatic closing on inserting the film holder. The flash contact is disconnected during screen viewing. A filter holder is built in. You benefit by *simple, rapid and positive operation without complications, by maximum precision and real economy.*

Aperture preselection with convenient knob control for all lenses with the SINAR automatic spring-loaded aperture DB. This is available with 37 lenses as listed in the SINAR lens list.



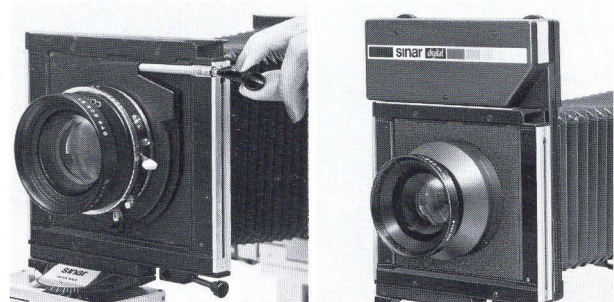
SINAR Auto-aperture Shutter, mechanical

Time range $\frac{1}{60}$ to 8 seconds and B. Automatic aperture control from f 5,6 to 45. Iris shutter type. Leaflet VE.



SINAR DIGITAL Shutter, electronic

Time range $\frac{1}{500}$ to 80 seconds and B. Automatic aperture control from f 4 to 45. DIGITAL readings. Rotating blades shutter. Vibrationfree control by micro processor and electronic timer. Motor drive. Warning signals for setting errors, double exposure lock, etc. Further automation with additional modules. Leaflet DE.



DB lenses with auto-aperture iris control

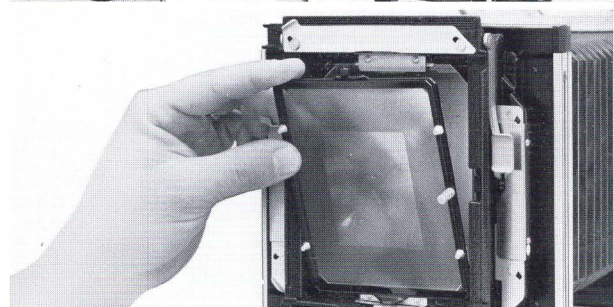
(For small apertures below f 45, manual aperture setting is also available.)

Conversion set on SINAR DB auto-aperture iris and board

Many existing lenses can be remounted from their original mounts to this auto-aperture SINAR iris control mount.

SINAR aperture control "B"

For all other lenses without SINAR shutters. The aperture setting can again be adjusted from behind the focusing screen.



Fresnel field lens and masks

The handy mask and Fresnel field lens frame for the 4×5 inch back is easily interchangeable. So are the format masks for 2¼×2¼ inches (6×6 cm), 2¼×2⅞ inches (56×72 mm), 2¼×3¼ inches (6×9 cm), 3¼×4¼ inches (8,5×10,5 cm) and 3½×4¾ inches (9×12 cm). Easily interchangeable Fresnel field lenses are also available for the 5×7 inch/13×18 cm and 8×10 inch/18×24 cm backs.

Binocular magnifier

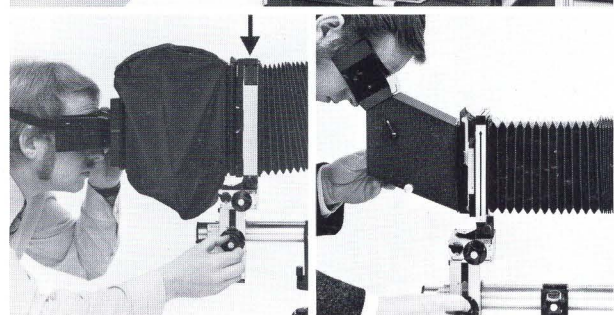
Superior focusing: Better image quality with the exclusive SINAR binocular magnifier.

A much brighter and more natural screen image with the binocular magnifier and complete stray light screening, also two-eyed viewing without interfering with the eye's adaptation – and all this also with wide-angle lenses. Equally suitable for spectacle wearers. Does not interfere with insertion of the film holder (arrow). It spells the end of the black cloth era!

Binocular reflex magnifier

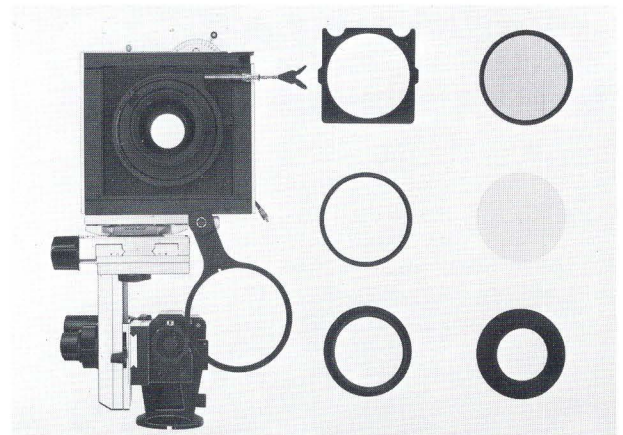
The exclusive binocular reflex magnifier offers even more: An upright screen image and – thanks to the patented tilting mirror – maximum image brightness to the edges of the screen.

An alternative 4.25 dioptre magnifier is available for long-sighted users. The Fresnel field lens is recommended to increase the image brightness still further.



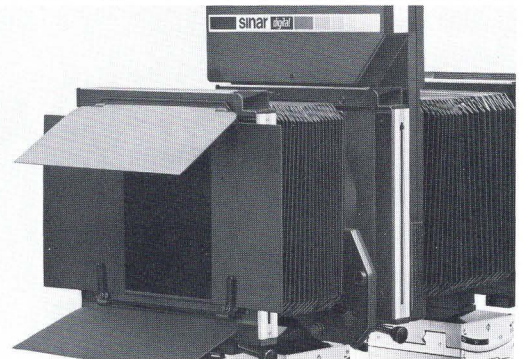
Filters – handy and universal

The dual filter holder for glass and polarizing filters (up to 103 mm diameter) swings out through 180°. Reducing adapters are available for the Kodak series VIII and IX filters, plus a 4×4 inch (10×10 cm) gelatine filter holder. The SINAR shutters also take glass filters up to 103 mm diameter and 4×4 inch (10×10 cm) gelatine filters. The filters interfere neither with wide-angle photography nor with the bellows hood.



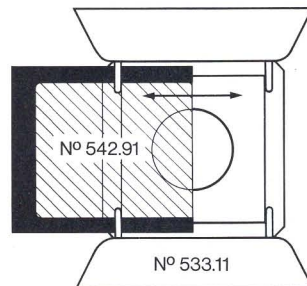
Masks for the bellows lens hood

The adjustable bellows hood mask precisely screens off all unwanted light and makes a carrier for special masks, shading filters, etc. It can be used in the multi-purpose standard of the professional bellows hood, or attached directly to the bellows holder. It is particularly recommended for use with wide-angle lenses.



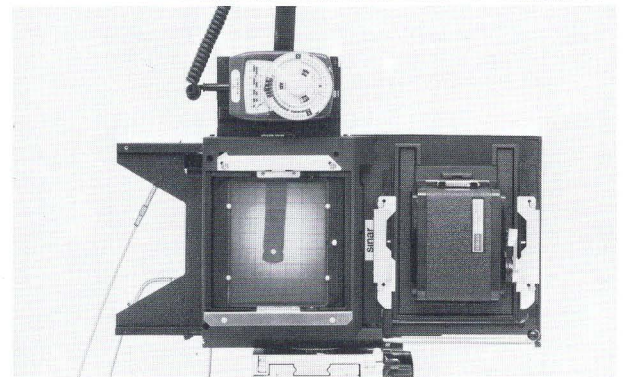
Shading filters

The shading filters are available in different densities and colours and fit in the bellows hood mask. The degree of shading is adjustable by moving or trimming the filters, while the density gradient depends on the filter/lens separation and the lens stop.



Rapid Adapter

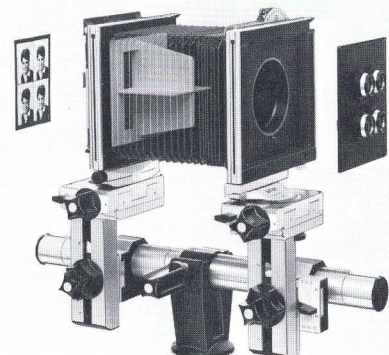
Still faster shooting: With the SINAR shutter and SINAR Rapid Adapter. The film holder is ready for the exposure – with the slide withdrawn. The SINARSIX also remains in place if required. Push the adapter to the left: The SINAR shutter and spring-loaded aperture close – you can expose. Push to the right: The shutter and aperture open for screen viewing. This provides amazing shooting readiness – with seven image formats, roll film, sheet film 4×5, Polaroid 3¼×4¼, film pack and instant picture materials up to 4×5 inches.



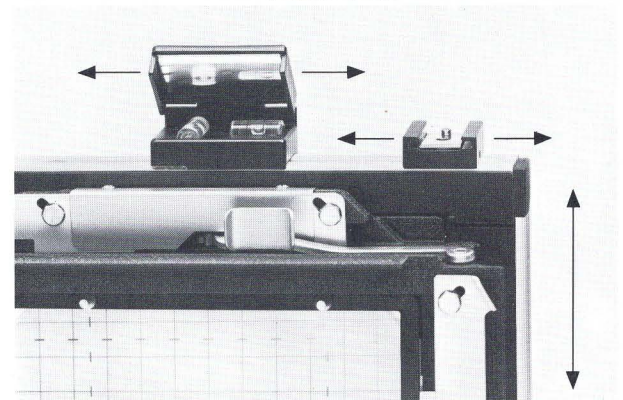
Multiple lenses

The SINAR shutters and the format divider – still more versatile. A simple way of making four passport shots on instant-picture material or sheet film.

Without the four-way septum also provides kaleidoscopic special effects.



A further handy item is the 4×5 inch format frame with all-round adapter rails. These take the SINAR two-way spirit level and standard accessory shoes for optical finders, rangefinders and small flash units.



The following accessories can also be used with other cameras

Pan-and-tilt head

The rigid pan-and-tilt head – with two-stage locking. Half locked, it permits smooth adjustment of your SINAR or other cameras to adjust the field of view without tilting. Adjustment range: Rotation through 360°, tilts back 20°, forward 180°. Alignment guides hold the SINAR precisely square to the tilt axis.

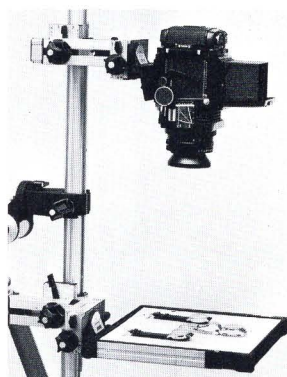
Its wide versatility makes the SINAR equipment range a comprehensive photographic system.

Universal camera holder

The SINAR universal camera holder provides a simple and rigid quick-change mount with double tilt provision for your cameras.

Universal camera support

The still and movie camera support links up your own cameras with the SINAR system. The SINAR components can be used as universally adjustable repro stages, matte boxes, mirror carriers, etc. The accessories catalogue ZE lists the full accessories range in detail.



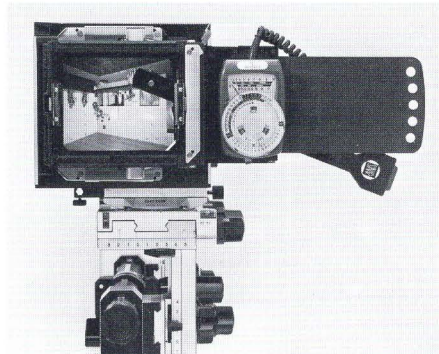
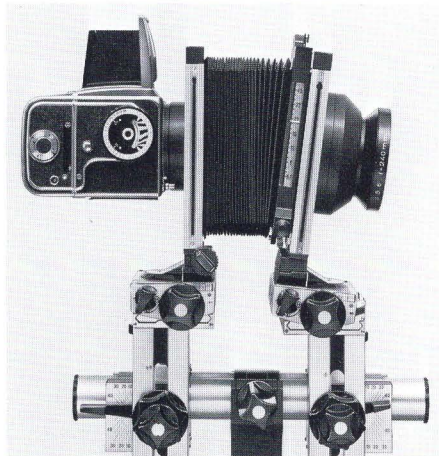
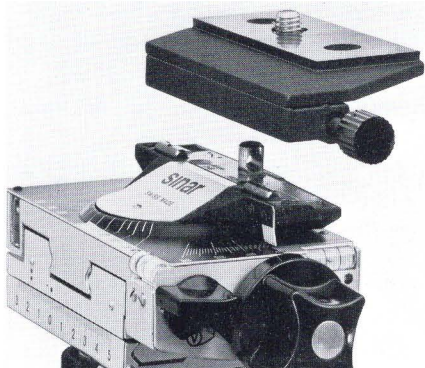
Focusing bellows

With the help of adapter boards the SINAR cameras can become a universally adjustable focusing bellows for single-lens reflex cameras. This is useful for close-ups and when using long focus lenses of the large-format camera. The SINAR shutters can be used where no camera shutter is provided.

SINARSIX

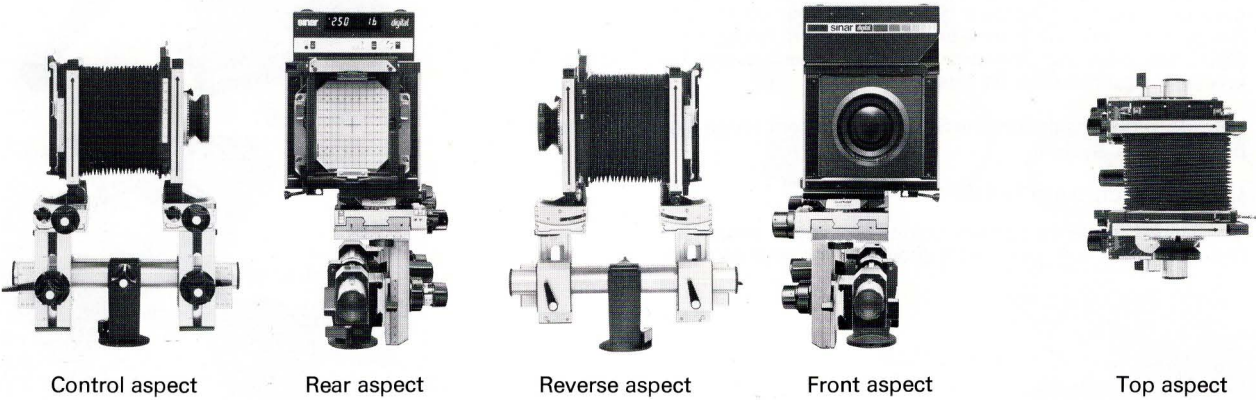
Perfect exposure measurement:

Spot readings in the film plane ensure more exact exposures – without any calculation. You also assess the exact image contrast. The exclusive SINARSIX meter is available with meter cassettes for the three main formats (4×5 inches/9×12 cm – 5×7 inches/13×18 cm and 8×10 inches/18×24 cm with intermediary frame) and fits all view cameras with international back. See special catalogue SE.



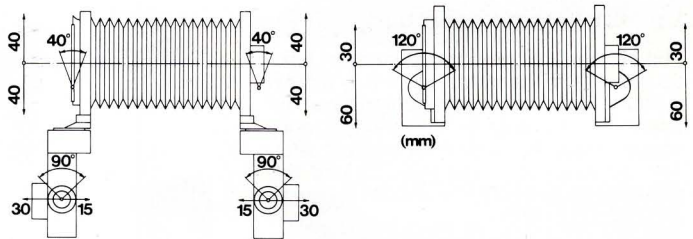
Technical data

The basic 4×5 inch / 9×12 cm SINAR-p outfit, shown at approximately one-tenth natural size. Weight (without lens and SINAR shutter): 11 lbs. 5 oz.

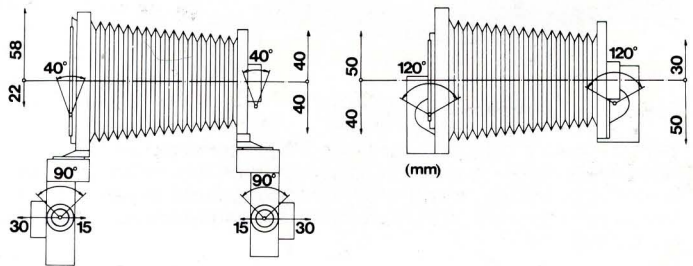


The camera movements

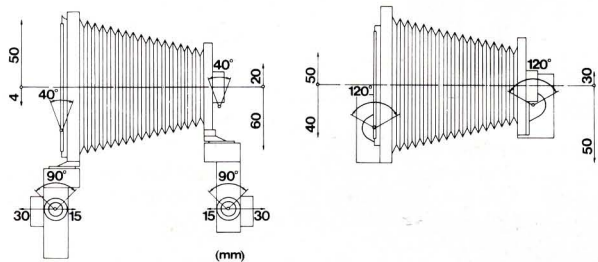
The parallel displacements plus swings and tilts of the SINAR-p – in conjunction with yaw-free inclination – provide an adjustment range which greatly exceeds the performance limits of the lenses used.



Adjustment range: 4×5 inch / 9×12 cm* outfit



Adjustment range: 5×7 inch / 13×18 cm* outfit



Adjustment range: 8×10 inch / 18×24 cm* outfit with special standard bearer

* Plus indirect adjustment range given by the yaw-free camera inclination.

Order codes

For full list see the SINAR Construction Unit CODE catalogue
BE (complete range with order form)

SINAR-p STANDARD**

4×5" / 9×12 cm	491.26
5×7" / 13×18 cm	491.27
8×10" / 18×24 cm*	491.28

SINAR-p EXPERT**

4×5" / 9×12 cm	492.26
5×7" / 13×18 cm	492.27
8×10" / 18×24 cm*	492.28

* Fitted with special standard bearer No. 433.22

** SINAR System Handbook included

Extension components, accessories

(Listed in suggested sequence of acquisition)

<i>SINAR pan-and-tilt head</i>	516.41
<i>Wide-angle bellows</i>	455.36
<i>Mask and Fresnel lens holder with Fresnel lens*</i>	461.76
Set of masks: 2¼×2¼, 2¼×2¾, 2¼×3¼, 3¼×4¼"	
9×12 cm (unmasked area for 4×5")*	534.16
5×7" / 13×18 cm Fresnel field lens*	535.17
8×10" / 18×24 cm Fresnel field lens*	535.18
<i>Binocular magnifier board*</i>	471.21
<i>Binocular reflex magnifier</i>	531.12
<i>Viewing hood for above*</i>	531.91
<i>Alternative 4.25 dioptre magnifier for longsighted users</i>	531.12.001
<i>Case* for 4×5" or 5×7 inch camera</i>	475.32
<i>Case* for 8×10" / 18×24 cm camera</i>	475.38
<i>SINAR DIGITAL shutter with release/automatic cable</i>	522.11
<i>SINAR Auto-aperture shutter with release and automatic cable</i>	521.31
<i>SINARSIX meter (probe with instrument and three dials)</i>	524.21
<i>Supplementary dial for modelling light readings with electronic flash</i>	524.91
<i>Light meter cassette, 4×5"</i>	525.16
<i>Light meter cassette, 5×7"</i>	525.17
<i>Intermediate frame, 5×7/8×10"</i>	525.18
<i>Filter holder rod</i>	
11 cm*	472.61
16 cm*	472.71
25 cm*	472.81

<i>Universal filter holder with one screw-in ring (filter range: see catalogue ZE and BE)</i>	541.21
<i>Gelatine filter holder for above (4×4 inches; 10×10 cm)</i>	542.21

<i>Bellows holder (2 pieces to make simple lens hood)*</i>	473.31
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<i>Universal square bellows*</i>	454.11
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<i>Extension rail units:</i>	
6 inches (15 cm)*	421.11
12 inches (30 cm)*	423.11
18 inches (45 cm)*	424.11

<i>Multi-purpose standard I* without micrometer drive (also lens standard for the SINAR-c and -f)</i>	437.31
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<i>Multi-purpose standard II with fine focusing drive, depth of field scale and angle indicator (also image standard for the SINAR-f)</i>	433.31
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<i>Universal camera holder*</i>	519.11
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<i>Still and movie camera support*</i>	519.21
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<i>Reflex camera adapter board for use of the SINAR as a focusing bellows for:</i>	
MINOLTA	556.53
ALPA	556.63
HASSELBLAD	556.64
EXAKTA	556.73

MAMIYA, YASHICA, ASAHI PENTAX, ICAREX 35 (with T 42 lens mount)	556.83
NIKON	556.93

<i>SINAR clamping stand with clamp, camera holder and ¾" tripod adapter</i>	514.21
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<i>Rapid adapter without SINARSIX support</i>	551.16
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<i>Rapid adapter with SINARSIX support</i>	551.26
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<i>Mask and Fresnel lens holder for above</i>	551.66
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<i>Fresnel field lens for above</i>	535.26
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<i>Set of masks for above</i>	534.16
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<i>Two-way spirit level</i>	531.71
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<i>Accessory shoe</i>	531.61
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<i>Format changing sets complete with bellows,</i>	
4×5" / 9×12 cm	497.26
5×7" / 13×18 cm	497.27
8×10" / 18×24 cm	497.28

<i>Adapter case, 5×7" / 13×18 cm</i>	571.27
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8×10" / 18×24 cm	571.28
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<i>Film holders: See list in catalogue ZE and BE</i>	
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<i>Lenses: Please ask for separate lens list</i>	
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<i>Literature: See catalogue ZE</i>	
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* Already included in the EXPERT outfits

Changes in design and availability reserved