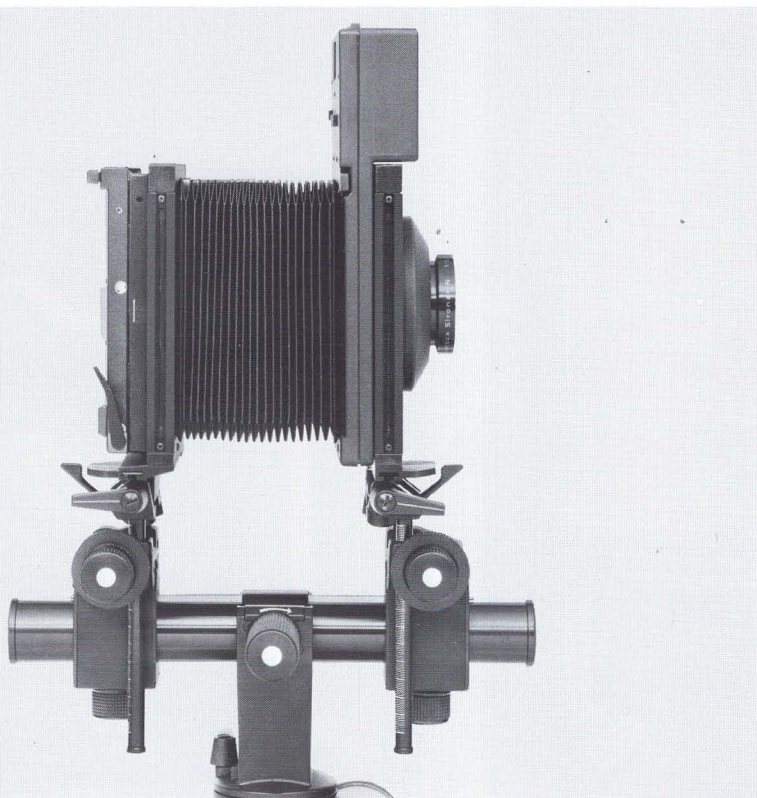


sinar f2

sinar f2 — Small volume — Light weight — High performance



The SINAR f2 is a new camera line of high performance and functional operation. Yet it is light and compact, therefore ideal for on-location shooting and easy to transport as hand luggage. A depth of field scale, a novel angle-metering scale and handy ergonomically shaped control knobs make camera operation supremely convenient with any subject.

The SINAR f2 is available for three picture formats: 4x5"/9x12 cm, 5x7"/13x18" cm and 8x10"/18x24 cm. There is a basic camera in all three sizes and also a more comprehensive EXPERT outfit. All SINAR f2 components — in professional black finish — are fully compatible with the extensive SINAR system. That also makes the SINAR f2 an economic point of entry into the SINAR system, for subsequent conversion to a SINAR c2 or p2.

Needless to say, the SINAR f2 takes all lenses, shutters and exposure metering systems — from classical lenses in between-lens shutters through the mechanical SINAR/COPAL shutter to the most advanced SINAR electronic control.

Straightforward handling

The SINAR f2 consists of an image standard and a lens standard of almost identical design, joined by interchangeable bellows. They are easily and separately movable along a base rail unit for coarse focusing each standard also has a convenient fine focusing drive. As on all other cameras of the SINAR system, a vital feature of the image standard is the depth of field scale. This serves to establish the correct working aperture, based on the required depth of field, and so avoids wasting light by excessive stopping down. The convenient clamping wheel for the vertical shift movement is easy to clamp or unclamp with two fingers.

A further important feature on the rear standard is an angle-metering scale for easy and precise reading of tilt or swing angles.

The easy-grip rubber-lined knobs are ergonomically shaped. All controls are at the right, settings are read off at the left — arranged for straightforward and logical operation of the SINAR f2.

Functional — logical — simple

The rigid construction and carefully planned movements of the SINAR f2 facilitate systematic and rapid camera operation. The description below lists the logical step-by-step sequence for adjusting the f2 and for controlling the plane of maximum sharpness and depth of field.

- Coarsely focus (1) by moving the whole standard along the base rail unit
- Centre the image on the screen with the vertical (3) and horizontal (4) shifts.

Controlling the plane of maximum sharpness

- With the fine focusing drive (2) sharply focus a first image point on the horizontal axis H
- Set the angle-metering scale (6) to zero
- With the fine focusing drive (2) sharply focus a second image point on the opposite axis H'
- Read the tilt angle on the angle-metering scale (6) and set this angle on the image or lens standard
- Fine focus (2) for optimum overall sharpness

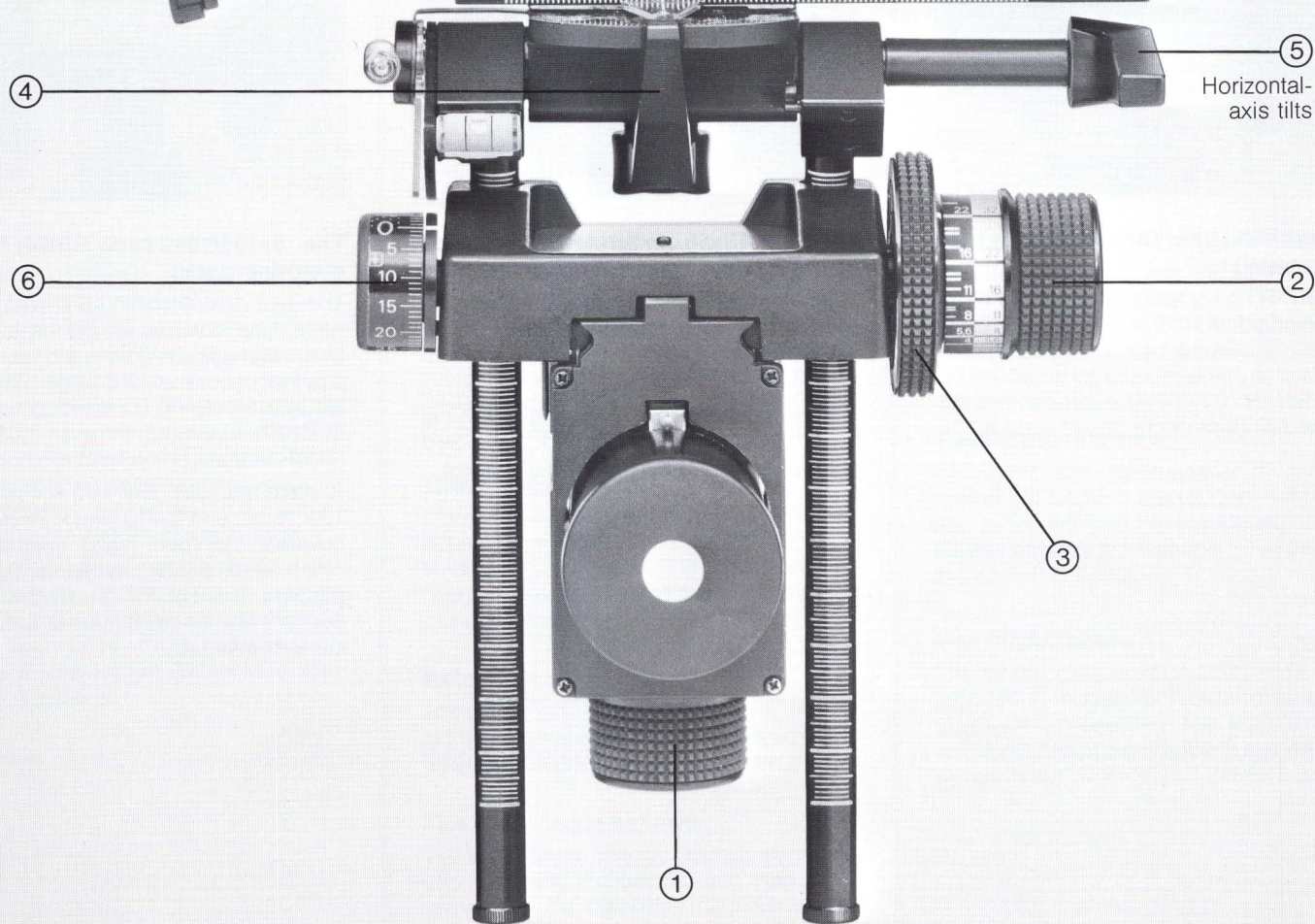
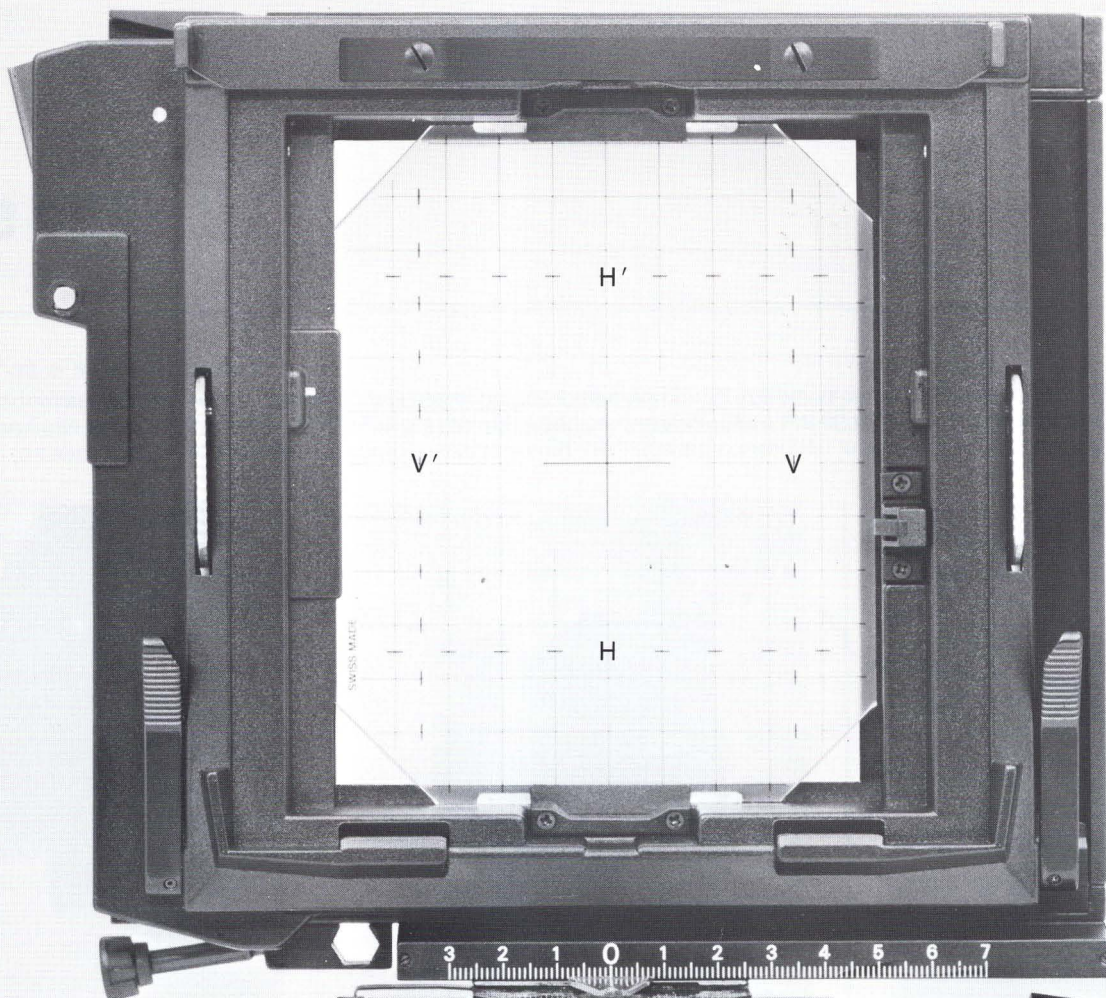
The procedure is the same for swings about the vertical axis. The SINAR f2 is not subject to yaw — once aligned vertically, any image line remains vertical during subsequent camera movements.

Controlling depth of field

- Find the correct working aperture from the focusing travel of the fine focusing drive (2) between the nearest and farthest subject points to be rendered sharply.
- Read off the appropriate aperture from the depth of field scale and set it on the lens.
- For the correct focusing point then simply turn the fine focusing drive (2) back through two lens stop intervals — the camera is now perfectly set.

This method avoids unnecessary stopping down with overall sharpness loss and excessive exposure times or flash power.

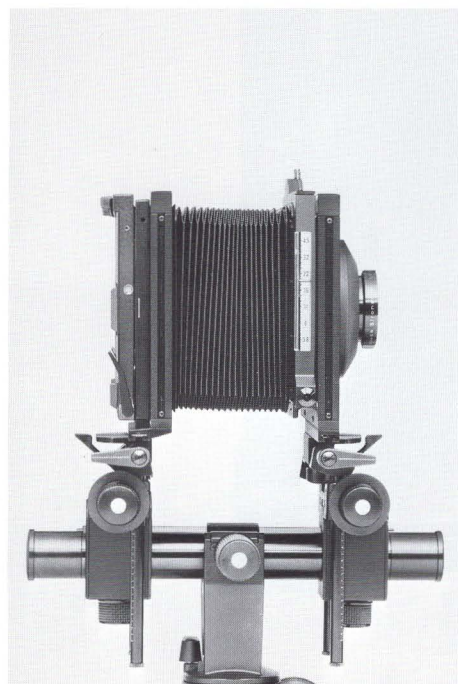
Image control with the SINAR is thus logical, straightforward and involves precise readings, not trial-and-error approximations.



The sinar f2

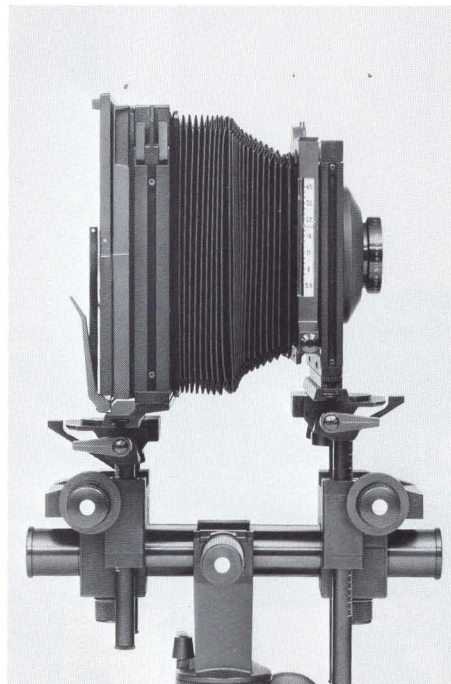
Format changing

The SINAR f2 view camera is not restricted to one basic size. By simply interchanging image standards you can switch between the basic 4x5"/9x12 cm, 5x7"/13x18 cm and 8x10"/18x24 cm formats. The SINAR rollfilm holders — which slide into the 4x5"/9x12 cm back like a sheet film holder — cover cost-saving sizes down to 4,5x6 cm or 1³/₄x2¹/₄".



The 4x5"/9x12 cm SINAR f2 (with metering back)

The SINAR f2 comprises the SINAR f2/c2 lens standard and the SINAR f2 image standard plus a universal bellows. It is easily convertible at any time into a larger version or into the SINAR c2 or p2. The components left over remain parts of the SINAR system.



The 5x7"/13x18 cm SINAR f2 (with metering back)

The same base rail unit and the special lens standard as well as a suitably larger image standard make up the 5x7"/13x18 cm SINAR f2.

The rear coupling frame is equipped with the 5x7"/13x18 cm metering back, a standard component of all SINAR models of this size.



The 8x10"/18x24 cm SINAR f2 (with metering back)

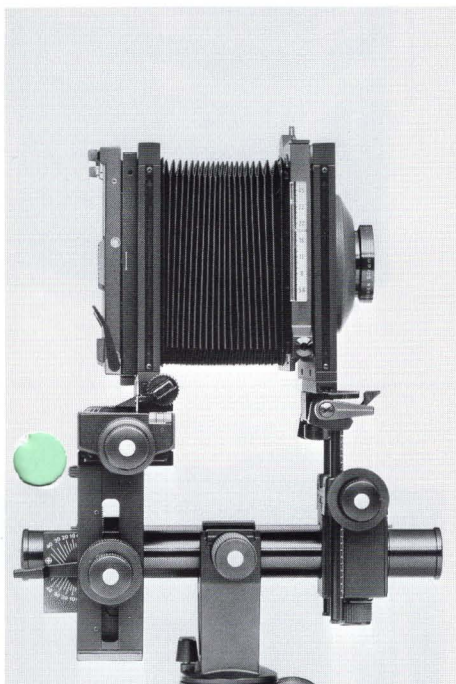
The 8x10"/18x24 cm SINAR f2 also uses the same lens standard as the basic camera. Only the image standard — and the matching tapered bellows — are larger. The 8x10"/18x24 cm metering back with ground glass screen is again the same as for the other SINAR models of this format.

A preferred lens standard for the 5x7"/13x18 cm and 8x10"/18x24 cm sizes is however the more solid special version which also permits larger shifts. SINAR supplies the 5x7"/13x18 cm and the 8x10"/18x24 cm SINAR f2 with the special lens standard.

camera line

The SINAR f2 as a system module

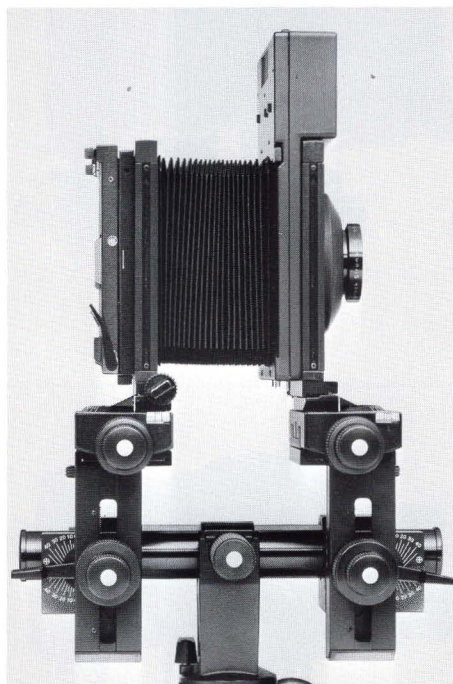
The SINAR f2 is an integral part of what has been a completely compatible modular SINAR system for over 35 years. For the professional the SINAR f2 is on the one hand a fully fledged view camera — a light-weight yet robust and precise instrument, the ideal travelling camera. At the same time it is the best module on which to base an extended system. All components released in an upward conversion remain valuable and sensible SINAR system elements.



From the SINAR f2 to the c2

Replacing the image standard of the SINAR f2 by that of the SINAR p2 yields a SINAR c2 (c for combination) with still simpler settings. The asymmetric swing and tilt system (patented) of the p2 image standard establishes the exact tilt angle during Scheimpflug-type sharpness distribution control. Moreover, the point you have focused on during tilting remains sharp as you tilt about a precisely defined axis in the image plane. The same applies to the swings.

The former f2 image standard remains in use as a perfect multipurpose standard, as a subject stage in macrophotography etc — and is of course always at hand if you again want to assemble a light-weight SINAR f2 to take with you on location.



On to the p2

The combination described so far gives you both an f2 and a c2. If you further replace the lens standard by that of the p2 — with the same swing and tilt mechanics as on the p2 image standard — you can assemble a SINAR p2 and every camera alternative of the SINAR system.

The EXPERT outfit

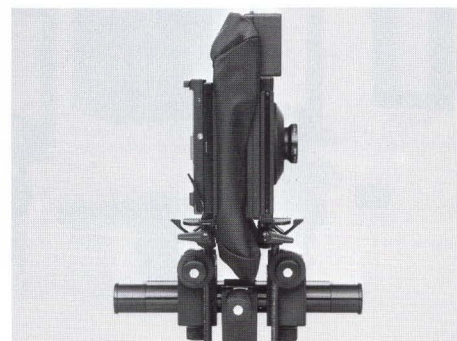
Like every SINAR, the SINAR f2 is available not only as a basic camera but also as an extended EXPERT outfit. The listing and the code numbering on page 6 and 7 shows the components of the EXPERT outfit.

Extension rails

The 6"/15 cm, 12"/30 cm and 18"/45 cm rail extensions attach in exact alignment at either end of the SINAR f2 base rail unit.

The wide-angle bellows

The wide-angle bellows permits extremely short camera extensions with maximum shifts. With the binocular magnifier it also aids perfect ground glass screen viewing.



The universal bellows/the jointed rod

The square universal bellows is the same as the standard 4x5"/9x12 cm camera bellows. Together with the jointed rod and two bellows holders it also forms an adjustable bellows lens hood.

The Fresnel screens

With the Fresnel screen you can more easily take in the whole screen image — and you see a brighter and more contrasty image. Fresnel screens are available for all three sizes of SINAR backs.

The SINAR cases

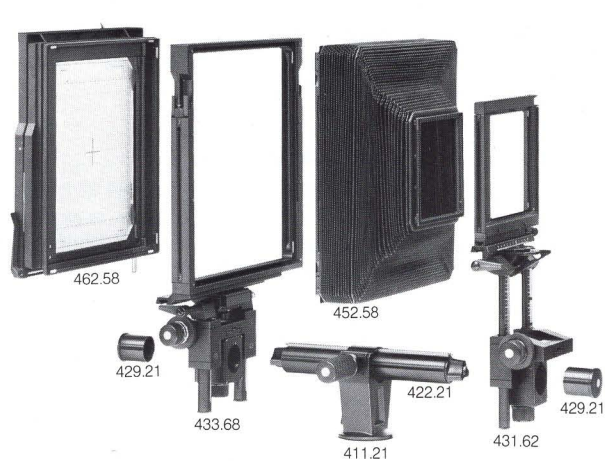
The SINAR case holds the SINAR f2 basic resp. EXPERT outfits 4x5"/9x12 cm as well as additional accessories. The 5x7"/13x18 cm and 8x10"/18x24 cm SINAR f2 cameras are stored in the larger SINAR EXPERT case.

The sinar System

Basic outfit

+

Accessory



with sinar f2

items

=

EXPERT outfit

Numerical code



- 491.96 SINAR f2 STANDARD 4 x 5" / 9 x 12 cm, 3500 g, comprising:
- 411.21* rail clamp
 - 422.21* base rail unit 12" / 30 cm
 - 429.21* 2 rail caps
 - 431.61 lens standard SINAR f2
 - 433.66 image standard SINAR f2, 4 x 5" / 9 x 12 cm
 - 454.11* universal bellows 4 x 5" / 9 x 12 cm
 - 462.16 metering back 4 x 5" / 9 x 12 cm
- 492.96 SINAR f2 EXPERT 4 x 5" / 9 x 12 cm, 4400 g, comprising SINAR f2 STANDARD 4 x 5" / 9 x 12 cm plus:
- 421.21* rail extension 6" / 15 cm
 - 454.11* universal bellows 4 x 5" / 9 x 12 cm
 - 455.36 wide-angle bellows 1, 4 x 5" / 9 x 12 cm
 - 461.76 Fresnel screen with Fresnel holder 4 x 5" / 9 x 12 cm
 - 472.51* jointed rod
 - 473.31* 2 bellows holders
 - 475.26 SINAR case



- 491.97 SINAR f2 STANDARD 5 x 7" / 13 x 18 cm, 5600 g, comprising:
- 411.21* rail clamp
 - 422.21* base rail unit 12" / 30 cm
 - 429.21* 2 rail caps
 - 431.62 special lens standard SINAR f2
 - 433.67 image standard SINAR f2, 5 x 7" / 13 x 18 cm
 - 452.17 tapered bellows 5 x 7" / 13 x 18 cm
 - 462.17 metering back 5 x 7" / 13 x 18 cm
- 492.97 SINAR f2 EXPERT 5 x 7" / 13 x 18 cm, 6800 g, comprising SINAR f2 STANDARD 5 x 7" / 13 x 18 cm plus:
- 423.21* rail extension 12" / 30 cm
 - 454.11* universal bellows 4 x 5" / 9 x 12 cm
 - 455.27 wide-angle bellows 5 x 7" / 13 x 18 cm
 - 472.51* jointed rod
 - 473.31* 2 bellows holders
 - 475.42 SINAR EXPERT case
 - 535.17 Fresnel screen ready for fitting 5 x 7" / 13 x 18 cm



- 491.98 SINAR f2 STANDARD 8 x 10" / 18 x 24 cm, 7800 g, comprising:
- 411.21* rail clamp
 - 422.21* base rail unit 12" / 30 cm
 - 429.21* 2 rail caps
 - 431.62 special lens standard SINAR f2
 - 433.68 image standard SINAR f2, 8 x 10" / 18 x 24 cm
 - 452.58 tapered bellows 8 x 10" / 18 x 24 cm
 - 462.58 metering back 8 x 10" / 18 x 24 cm
- 492.98 SINAR f2 EXPERT 8 x 10" / 18 x 24 cm, 9900 g, comprising SINAR f2 STANDARD: 8 x 10" / 18 x 24 cm plus:
- 424.21* rail extension 18" / 45 cm
 - 454.11* universal bellows 4 x 5" / 9 x 12 cm
 - 455.58 wide-angle bellows 8 x 10" / 18 x 24 cm
 - 472.51* jointed rod
 - 473.31* 2 bellows holders
 - 475.42 SINAR EXPERT case
 - 535.58 Fresnel screen ready for fitting 8 x 10" / 18 x 24 cm

* Accessory items independent of the format

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