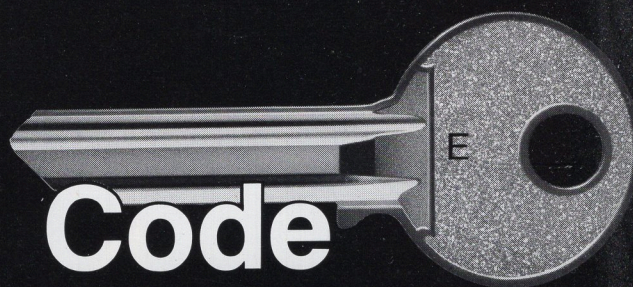
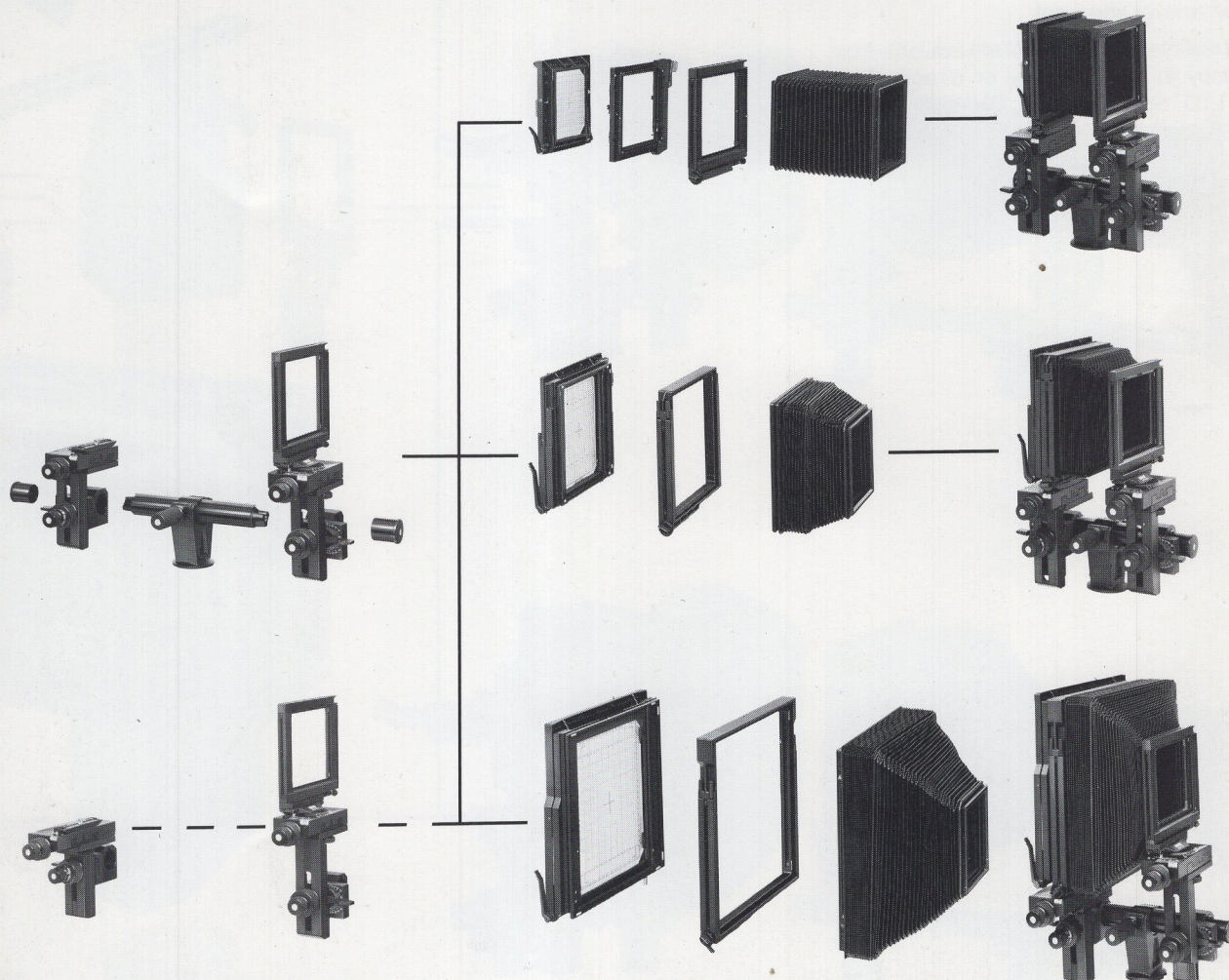


sinar p2



The **sinar** System with **sinar p2** (basic outfit)



The sinar System with

Practical points

The Code SINAR p2 comprises the SINAR p2 camera equipments and its components. Each item is briefly described and marked by the order code.

The Code SINAR p2 will help you to assemble your ideal SINAR outfit for your specific requirements. For further information on the SINAR system please refer to the SINAR Code.

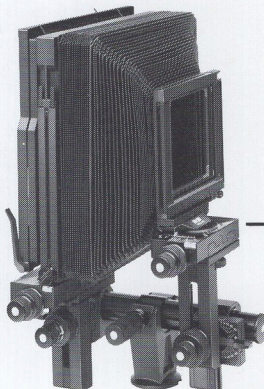
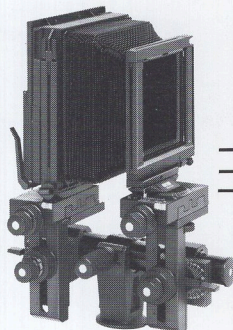
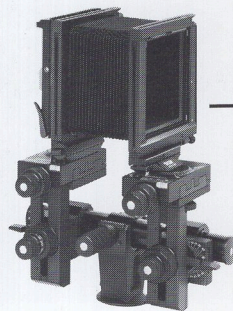
The SINAR p2 is fully compatible with the SINAR system. Every component and every accessory that fits the current SINAR camera remains usable with the SINAR p2. The basic SINAR p2 outfit, for instance, may be extended to a SINAR p2 EXPERT system. Or you can step up to a larger format or down to a smaller format whenever you want.

Detailed leaflets and a price list are available from the agency in your country or directly from SINAR LTD Schaffhausen, CH-8245 Feuerthalen/Switzerland. The illustrations are shown reduced at approximately 1:10 to 1:15.

Basic outfit

+

Accessory items independent of the format



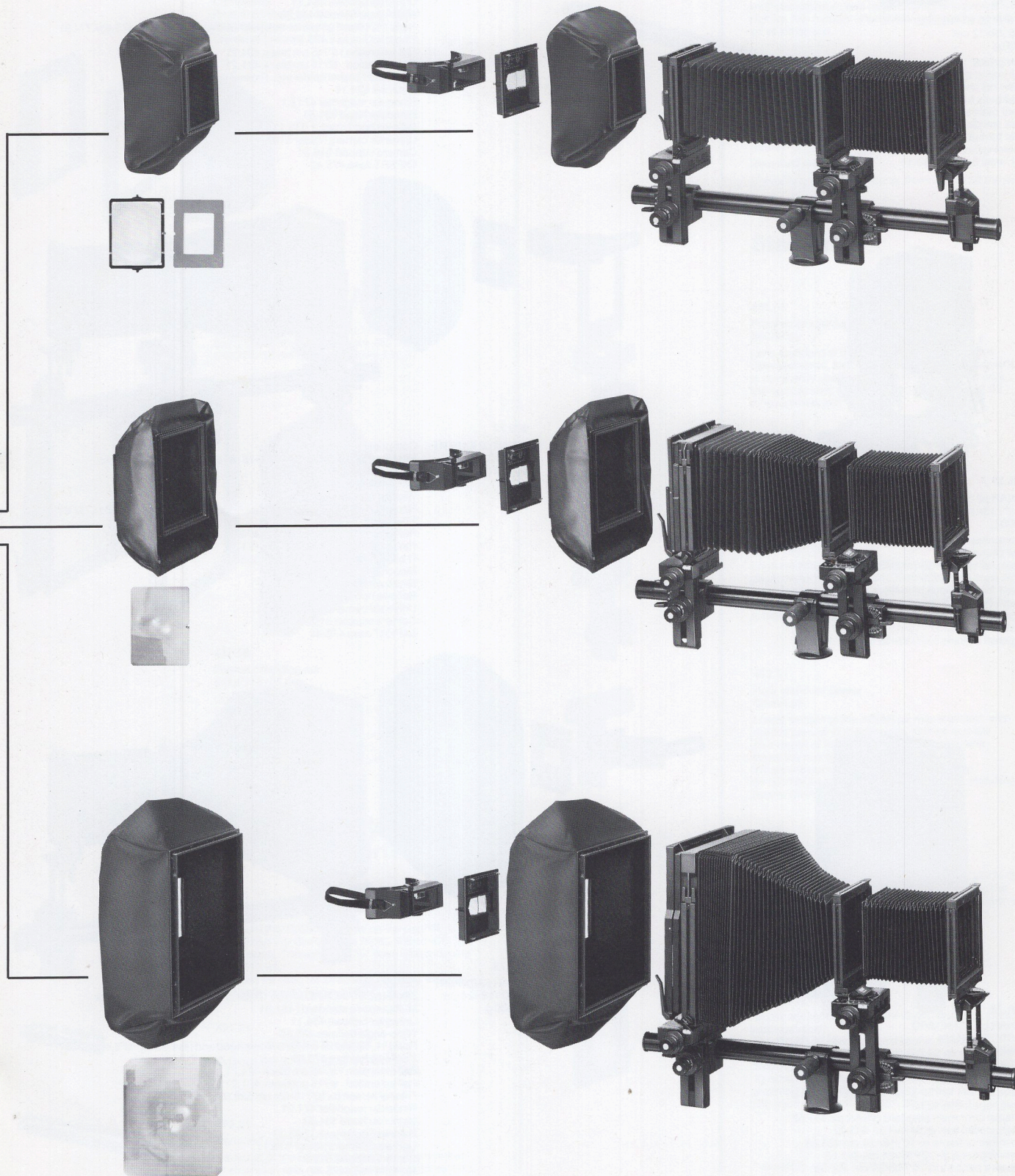
For the **sinar p2**
is a true **sinar**

sinar p2 (EXPERT outfit)

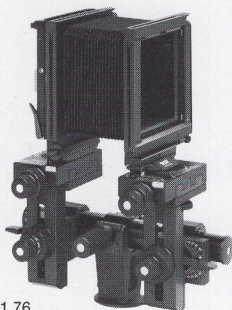
+Format-specific
components

=

EXPERT outfit



The Cameras

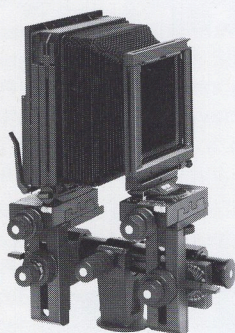


491.76

SINAR p2 STANDARD
4x5"/9x12 cm
5900 g

Comprises:

Rail clamp 411.21
Basic rail unit 12"/30 cm black 422.21
2 rail caps black 429.21
Front main standard SINAR p2 431.51
Rear standard bearer SINAR p2 433.51
Rear format frame 4x5"/9x12 cm 433.26
Metering back 4x5"/9x12 cm 462.16
Universal bellows 454.11

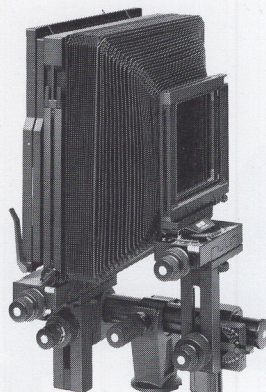


491.77

SINAR p2 STANDARD
5x7"/13x18 cm
6600 g

Comprises:

Rail clamp 411.21
Basic rail unit 12"/30 cm black 422.21
2 rail caps black 429.21
Front main standard SINAR p2 431.51
Rear standard bearer SINAR p2 433.51
Rear format frame 5x7"/13x18 cm 433.27
Metering back 5x7"/13x18 cm 462.17
Tapered bellows 5x7"/13x18 cm 452.17

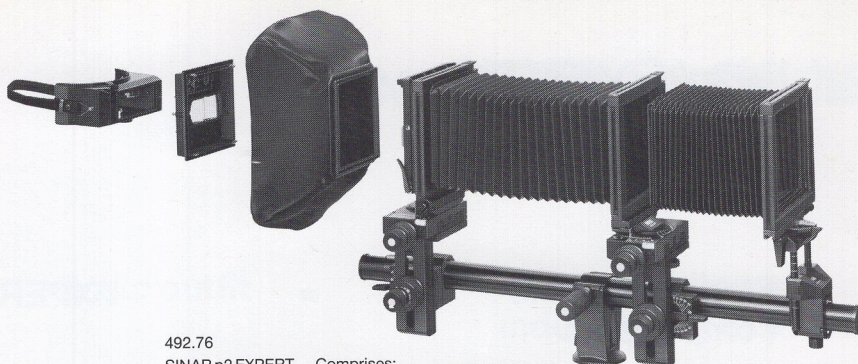


491.78

SINAR p2 STANDARD
8x10"/18x24 cm
7400 g

Comprises:

Rail clamp 411.21
Basic rail unit 12"/30 cm black 422.21
2 rail caps black 429.21
Special front main standard SINAR p2 431.52
Rear special bearer SINAR p2 433.52
Rear format frame 8x10"/18x24 cm 433.58
Metering back 8x10"/18x24 cm 462.58
Tapered bellows 8x10"/18x24 cm 452.58



492.76

SINAR p2 EXPERT
4x5"/9x12 cm
14 700 g

Comprises:

SINAR p2 STANDARD 4x5"/9x12 cm plus the following items:
Multipurpose standard I 437.31
Universal bellows 454.11
Wide-angle bellows 455.36
Rods 11, 16 and 25 cm for bellows hood and filter holder 472.61/.71/.81
2 bellows holders 473.31
Rail extension 18"/45 cm black 424.21
Rail extension 6"/15 cm black 421.21
Mask and Fresnel holder incl. Fresnel screen 461.76
Mask set 534.16
Binocular magnifier 471.21
Binocular hood 531.51
Bellows hood mask 1 533.11
Universal camera holder 519.11
Camera support 519.21
EXPERT case 475.42



492.77

SINAR p2 EXPERT
5x7"/13x18 cm
15 500 g

Comprises:

SINAR p2 STANDARD 5x7"/13x18 cm plus the following items:
Multipurpose standard I 437.31
Universal bellows 454.11
Wide-angle bellows 455.27
Rods 11, 16 and 25 cm for bellows hood and filter holder 472.61/.71/.81
2 bellows holders 473.31
Rail extension 18"/45 cm black 424.21
Rail extension 6"/15 cm black 421.21
Fresnel screen 5x7"/13x18 cm 535.17
Binocular magnifier 471.21
Binocular hood 531.51
Bellows hood mask 1 533.11
Universal camera holder 519.11
Camera support 519.21
EXPERT case 475.42



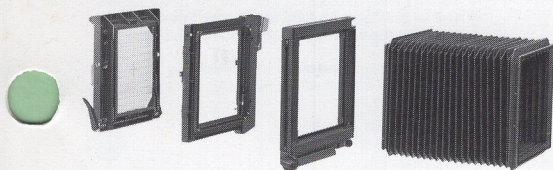
492.78

SINAR p2 EXPERT
8x10"/18x24 cm
21 000 g

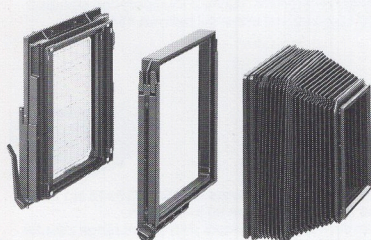
Comprises:

SINAR p2 STANDARD 8x10"/18x24 cm plus the following items:
Multipurpose standard I 437.31
Universal bellows 454.11
Wide-angle bellows 455.58
Rods 11, 16 and 25 cm for bellows hood and filter holder 472.61/.71/.81
2 bellows holders 473.31
Rail extension 18"/45 cm black 424.21
Rail extension 6"/15 cm black 421.21
Fresnel screen 8x10"/18x24 cm 535.58
Binocular magnifier 471.21
Binocular hood 531.51
Bellows hood mask 1 533.11
Universal camera holder 519.11
Camera support 519.21
EXPERT case 475.42

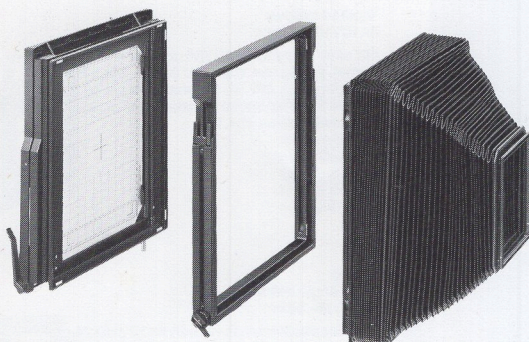
Format changing



497.26
Format changing set
4x5"/9x12 cm
Converts 5x7"/13x18 cm or 8x10"/18x24 cm
SINAR p2, p and c to 4x5"/9x12 cm.
Comprises:
Rear 4x5"/9x12 cm format frame 433.26
4x5"/9x12 cm metering back 462.16
Universal bellows 454.11

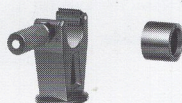


497.27
Format changing set
5x7"/13x18 cm
Converts 4x5"/9x12 cm or 8x10"/18x24 cm
SINAR p2, p and c to 5x7"/13x18 cm.
Comprises:
Rear 5x7"/13x18 cm format frame 433.27
5x7"/13x18 cm metering back 462.17
5x7"/13x18 cm tapered bellows 452.17



497.58
Format changing set
8x10"/18x24 cm
Converts 4x5"/9x12 cm or 5x7"/13x18 cm
SINAR p2, p and c to 8x10"/18x24 cm.
Comprises:
Rear 8x10"/18x24 cm format frame 433.58
8x10"/18x24 cm metering back 462.58
8x10"/18x24 cm tapered bellows 452.58

The SINAR rails and camera supports



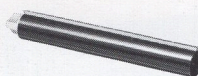
411.21
Rail clamp
To mount the SINAR cameras on the pan/tilt head 516.41 or directly on a tripod. Fitted with 3/8" tripod bush. Convertible to 1/4" bush with reducing bush 519.61.
Can also be used for all smaller cameras via the universal camera holder 519.11.



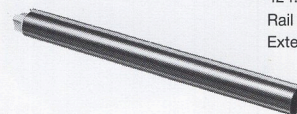
421.21
Rail extension 6"/15 cm, black
Extends the SINAR rail by 6"/15 cm.



422.21
Basic rail unit 12"/30 cm, black
Basic rail of the SINAR p2 cameras. Any number of extension rails can be screwed on at either end.



423.21
Rail extension 12"/30 cm, black
Extends the SINAR rail by 12"/30 cm.



424.21
Rail extension 18"/45 cm, black
Extends the SINAR rail by 18"/45 cm.

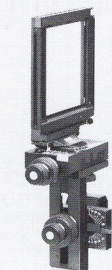


425.21*
Basic rail unit 36"/90 cm, black
Recommended for long extensions, large format, multiple exposure and requirements of supreme rigidity. Any number of extension rails can be screwed on at either end.



429.21
Standard rail cap, black
Prevents unlocked standards from sliding off the rail.

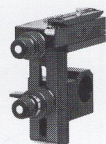
Standards



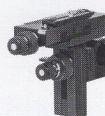
431.51
Front main standard
SINAR p2
Lens standard of the SINAR p2 with full parallel displacements, swings and tilts. Where the camera is constantly used as an 8x10"/18x24 cm camera, the special front main standard SINAR p2 431.52 is recommended.



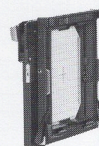
431.52
Special front main standard
SINAR p2
Lens standard of the SINAR p2 with full parallel displacements, swings and tilts: 0-Position specifically adjusted to the format 8x10"/18x24 cm. The rear special standard bearer SINAR p2 433.52 is recommended.



433.51
Rear standard bearer
SINAR p2
Lower section of the SINAR p2 rear standard, with the full parallel displacements, swings and tilts plus depth of field scale. The standard bearer takes the rear format frame.
Where the camera is constantly used as an 8x10"/18x24 cm camera, the rear special standard bearer SINAR p2 433.52 is recommended.



433.52
Rear special standard bearer
SINAR p2
Heavy-duty standard bearer for the 8x10"/18x24 cm format frame. Also recommended when using the 4x5"/9x12 cm rapid adapter. Can also be used on a 4x5"/9x12 cm and a 5x7"/13x18 cm camera assembly.



433.26
Rear format frame
4x5"/9x12 cm
Upper section of the 4x5"/9x12 cm SINAR p2, p and c rear standard.
Fits SINAR p2 rear standard bearer 433.51 or SINAR p2 rear special bearer 433.52 as well as the SINAR p, c rear standard bearers 433.21 or 433.22.
To take the film holder and ground glass screen, the metering back 4x5"/9x12 cm 462.16 or the F/S back 4x5"/9x12 cm 461.36 is required.

* available as from September 1985

433.27

Rear format frame
5×7"/13×18 cm

Upper section of 5×7"/13×18 cm SINAR p2, p and c rear standard.
Fits SINAR p2 rear standard bearer 433.51 or SINAR p2 rear special bearer 433.52 as well as SINAR p, c standard bearers 433.21 or 433.22. To take film holder and ground glass screen, metering back 5×7"/13×18 cm 462.17 is required.

433.58

Rear format frame
8×10"/18×24 cm

Upper section of 8×10"/18×24 cm SINAR p2, p and c rear standard.
The special standard bearer SINAR p2 433.52 is recommended. Also fits the SINAR p2 rear standard bearer 433.51 and the SINAR p standard bearers 433.21 or 433.22. To take film holder and ground glass screen, metering back 8×10"/18×24 cm 462.58 is required.

437.31

Multipurpose standard I

Multipurpose standard for the bellows lens hood, serves as intermediate bellows support with long extensions, as object stage, holder for the SINAR mirrors, etc. Equipped with parallel displacements, swing and tilt movements.
(Also serves as lens standard of the SINAR f and c.)

462.16

Metering back
4×5"/9×12 cm

Takes film holder and ground glass screen on 4×5"/9×12 cm rear format frame 433.26. The probe housing holds the metering probe of the exposure meter (SINARSIX-digital, PROFI-select TTL). The probes are thus instantly ready to operate without needing a lightmeter cassette. Consists of 4×5"/9×12 cm film holder and meter probe carrier 462.96, 4×5"/9×12 cm screen carrier 461.56 and lightmeter holder 462.96.001 on the film holder carrier. Including 4×5"/9×12 cm ground glass screen 536.66. Mask and Fresnel holder 461.76, including Fresnel screen, and mask set 534.16 are recommended.

462.17

Metering back
5×7"/13×18 cm

Takes film holder and ground glass screen on 5×7"/13×18 cm rear format frame 433.27. The probe housing holds the metering probe of the exposure meter (SINARSIX-digital, PROFI-select TTL). The probes are thus instantly ready to operate without needing a lightmeter cassette. Includes 5×7"/13×18 cm ground glass screen 536.37 and lightmeter holder 462.96.001. Fresnel screen 535.17 is recommended.

462.58

Metering back
8×10"/18×24 cm

Takes film holders and ground glass screen on 8×10"/18×24 cm rear format frame 433.58. The probe housing holds the metering probe of the exposure meter (SINARSIX-digital, PROFI-select TTL). The probes are thus instantly ready to operate without needing a lightmeter cassette. Includes ground glass screen 536.58 and lightmeter holder 462.96.001. The Fresnel screen 535.58 is recommended.

Bellows

454.11

Universal (multipurpose) bellows
4×5"/9×12 cm

Standard bellows of 4×5"/9×12 cm SINAR p2, p, c, f. Used with the multipurpose standards to increase the camera extension for all film sizes and as bellows hood or ground glass screen viewing hood. Extends to 18"/45 cm.

455.36

Wide-angle bellows 1
4×5"/9×12 cm

For very short extensions with 4×5"/9×12 cm format and focal lengths from 65 to 135 mm. Permits maximum camera movement range despite short extension.
Also used as ground glass screen viewing hood, for instance with binocular magnifier 471.21 and hood 531.51.

452.17

Tapered bellows
5×7"/13×18 cm

For extensions up to 19 1/2"/50 cm with 5×7"/13×18 cm format.
Longer extensions require a multipurpose standard and an additional universal bellows 454.11.

455.27

Wide-angle bellows
5×7"/13×18 cm

For very short extensions with 5×7"/13×18 cm format and focal lengths from 90 to 165 mm. Permits maximum camera movement range despite short extension.
Also used as ground glass screen viewing hood, for instance with binocular magnifier 471.21 and hood 531.51.

452.58

Tapered bellows
8×10"/18×24 cm

For extensions up to 25"/65 cm with 8×10"/18×24 cm format. Fits to rear standard bearer 433.58 and to metering back 462.58. Extensions from 65 to 90 cm require a multipurpose standard and an additional universal bellows 454.11.

455.58

Wide-angle bellows
8×10"/18×24 cm

For very short extensions with 8×10"/18×24 cm format, and focal lengths from 120 to 240 mm. Fits to rear standard bearer 433.58 and to metering back 462.58. Permits maximum camera movement range despite short extension. Also used as ground glass screen viewing hood, for instance with binocular magnifier 471.21 and hood 531.51.

Further accessories of the EXPERT equipment

471.21

Binocular magnifier

Fits SINAR bellows such as 452.17/.58, 454.11, 455.27/.36/.58 for ground glass screen viewing without stray light. With the magnifier swung in, the screen image is magnified 2 times. The hood 531.51 is needed in addition.
Adapters for other view camera makes: on requirement.

472.61

Rod, 4 1/4"/11 cm
for bellows hood and filter holder

Permits use of bellows holder 473.31 and filter holder 541.21 on the camera.

472.71

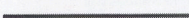
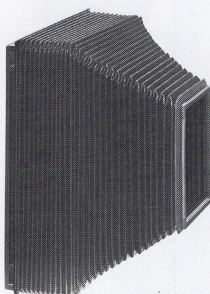
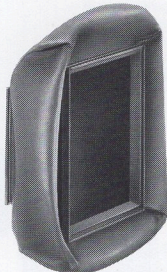
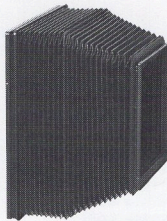
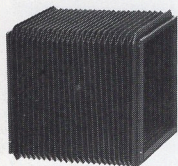
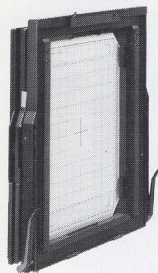
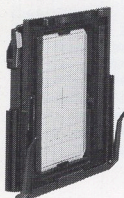
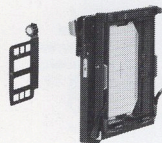
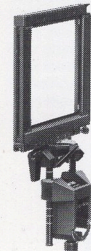
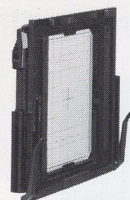
Rod, 6 1/4"/16 cm
for bellows hood and filter holder

Permits use of bellows holder 473.31 and filter holder 541.21 on the camera.

472.81

Rod, 9 3/4"/25 cm
for bellows hood and filter holder

Permits use of bellows holder 473.31 and filter holder 541.21 on the camera.



473.31
Bellows holder
To mount the bellows hood 1 or bellows hood mask 1, 533.11 on the camera. A rod for the bellows hood and filter holder 472.61/71/81 is required.

519.11
Universal camera holder
With pan/tilt head 516.41 and rail clamp 411.21. Forms a solid double pan/tilt head for miniature, medium format or movie cameras.
With 1/4" and 3/8" tripod bush.

519.21
Camera support
To mount still and movie cameras on the rear standard bearers 433.51/.52 or 433.21/.22. Permits precise camera levelling. Tilts and displacements as for SINAR p2, p and c. Restricted usability also with standard bearer SINAR s 433.48.

531.51
Binocular hood
Screens off stray light when viewing the ground glass screen with the binocular magnifier 471.21, the binocular reflex magnifier 531.12 or the copying reflex viewer 531.18.

533.11
Bellows hood mask 1
The bellows hood mask can serve as a hood with wide-angle lenses, as a mask holder for special effects or as the holder for the SINAR shading filters.
Fits all 4x5"/9x12 cm standards and bellows holder 473.31.

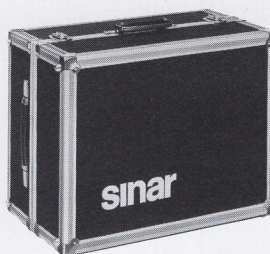
533.21
Bellows hood mask 2
Four roller-shutters are operated with individual fine drives. This allows exact cuttings of the optical path. Recommended for product shots, delicate back light and multiple exposures.
Fits all 4x5"/9x12 cm standards as well as bellows holder 473.31.

534.16
Mask set 6x6, 6x7, 6x9, 6x12 and 8 1/2x10 1/2 cm
Transparent yellow masks to outline the negative area on the ground glass screen when using rollfilm magazines.
Fit mask and Fresnel screen holders 461.66, 461.76, 551.66 and 551.76.

461.76
Mask and Fresnel holder,
including Fresnel screen
Fits 4x5"/9x12 cm metering back 462.16 and 4x5"/9x12 cm F/S holder 461.36.
Matching accessories: Masks 534.16.

535.17
Fresnel screen 5x7"/13x18 cm
ready for fitting
Fits 5x7"/13x18 cm metering back 462.17 and 5x7"/13x18 cm F/S back 461.27 (old model).

535.58
Fresnel screen 8x10"/18x24 cm
ready for fitting
Fits 8x10"/18x24 cm metering back 462.58.



475.42
EXPERT case
Holds SINAR p2 EXPERT outfits 4x5"/9x12 cm 492.76 or 5x7"/13x18 cm 492.77 or 8x10"/18x24 cm 492.78 and additional accessories such as SINAR shutters, lightmeters, modules, etc.
Also useful for SINAR p EXPERT outfits. SINAR case 475.26 is recommended for SINAR p2 and SINAR p basic outfits as well as for further accessories.
Size: 600x470x375 mm
Weight empty: about 8000 g

Numerical code

The cameras

_____	491.76	SINAR p2 STANDARD 4x5"/9x12 cm	5 900 g
_____	491.77	SINAR p2 STANDARD 5x7"/13x18 cm	6 600 g
_____	491.78	SINAR p2 STANDARD 8x10"/18x24 cm	7 400 g
_____	492.76	SINAR p2 EXPERT 4x5"/9x12 cm	14 700 g
_____	492.77	SINAR p2 EXPERT 5x7"/13x18 cm	15 500 g
_____	492.78	SINAR p2 EXPERT 8x10"/18x24 cm	21 000 g

Format changing

_____	497.26	Format changing set 4x5"/9x12 cm	1 200 g
_____	497.27	Format changing set 5x7"/13x18 cm	2 000 g
_____	497.58	Format changing set 8x10"/18x24 cm	4 400 g

The SINAR rails and camera supports

_____	411.21	Rail clamp	500 g
_____	421.21	Rail extension black 6"/15 cm	200 g
_____	422.21	Basic rail unit black 12"/30 cm	320 g
_____	423.21	Rail extension black 12"/30 cm	300 g
_____	424.21	Rail extension black 18"/45 cm	460 g
_____	425.21*	Basic rail unit black 36"/90 cm	930 g
_____	429.21	Rail cap black	30 g

Standards

_____	431.51	Front main standard SINAR p2	2 100 g
_____	431.52	Special front main standard SINAR p2	2 150 g
_____	433.51	Rear standard bearer SINAR p2	1 700 g
_____	433.52	Rear special standard bearer SINAR p2 8x10"/18x24 cm	1 900 g
_____	433.26	Rear format frame 4x5"/9x12 cm	420 g
_____	433.27	Rear format frame 5x7"/13x18 cm	700 g
_____	433.58	Rear format frame 8x10"/18x24 cm	1 000 g
_____	437.31	Multipurpose standard I	730 g
_____	462.16	Metering back 4x5"/9x12 cm	660 g
_____	462.17	Metering back 5x7"/13x18 cm	990 g
_____	462.58	Metering back 8x10"/18x24 cm	2 800 g

Bellows

_____	454.11	Multipurpose bellows	200 g
_____	455.36	Wide-angle bellows 1 4x5"/9x12 cm	270 g
_____	452.17	Tapered bellows 5x7"/13x18 cm	310 g
_____	455.27	Wide-angle bellows 5x7"/13x18 cm	320 g
_____	452.58	Tapered bellows 8x10"/18x24 cm	600 g
_____	455.58	Wide-angle bellows 8x10"/18x24 cm	680 g

Further accessories of the EXPERT equipment

_____	471.21	Binocular magnifier	120 g
_____	472.61	Rod for bellows hood and filter holder 4 1/4"/11 cm	15 g
_____	472.71	Rod for bellows hood and filter holder 6 1/4"/16 cm	20 g
_____	472.81	Rod for bellows hood and filter holder 9 3/4"/25 cm	30 g
_____	473.31	Bellows holder	20 g
_____	519.11	Universal camera holder	260 g
_____	519.21	Camera support	200 g
_____	531.51	Binocular hood	120 g
_____	533.11	Bellows hood mask 1	100 g
_____	533.21	Bellows hood mask 2	330 g
_____	534.16	Mask set 2 1/4x2 1/4"-3 1/8x4 1/8" / 6x6-8 1/2x10 1/2 cm	20 g
_____	461.76	Fresnel lens mounted 4x5"/9x12 cm	25 g
_____	535.17	Fresnel screen 5x7"/13x18 cm	45 g
_____	535.58	Fresnel screen 8x10"/18x24 cm	140 g
_____	475.42	SINAR EXPERT Case	8 000 g

* available as from September 1985

sinar[®]

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