Enlargers • Lenses • Accessories • Film and Paper Processing •
Cleaning and Care • Light Boxes • Digitization •
Slides • Magnifiers • Filing

Lab +
Analogue

Images from an Analogue World

KAISER®
FOTOTECHNIK

FILM SIZE 6x9 cm

FILM SIZE 6x7 cm

FILTER DRAWER

WALL PROJECTION ±90°

FINE DRIVE

COLUMN 70x35x 1000 mm

BASE BOARD 60x50 cm

4540

Made in Germany

FILM SIZE 6x6 cm

FILM SIZE 24x36 mm

FILTER DRAWER

WALL PROJECTION ±90°

COLUMN 70x35x 1000 mm

BASE BOARD 45x50 cm

4465

Made in Germany

VP 9005 SYSTEM-V B&W Enlarger

Black & White enlarger for the exposure of black and white negatives on photographic paper. For film formats from 24 x 36 mm (35 mm) up to 6 x 9 cm (2.4 x 3.5 in.) and lenses up to 105 mm focal length. Can be converted into a copy stand.

Enlarger head with removable compound negative carrier, fitted with Anti-Newton glass on top and flat glass on bottom, interchangeable with the additional supplied 6 x 7 cm format mask. 75 W opal lamp. Filter drawer, e.g. for Multigrade® filters. Exchangeable double condenser up to 6 x 9 cm. Lens panel with spirit level and red filter, tiltable for distortion correction on Scheimpflug principle. Quick change attachment for lenses. Height adjustment by hand-crank. Focusing with additional fine drive. Wall and floor projection possible. Wide, vibration-resistant column. Matt grey laminated base board with printed fine grid and height-adjustable feet. Total height: 105 cm (41.3 in.).

Scope of supply: Enlarger with compound negative carrier, equipped with Anti-Newton glass / flat glass, 6 x 7 cm format mask, opal lamp, filter drawer with diffusion screen, two lens holder rings. Without lens.

VP 6005 SYSTEM-V B&W Enlarger

Black & White enlarger for the exposure of black and white negatives on photographic paper. For film formats from 24 x 36 mm (35 mm) up to 6 x 6 cm (2.4 x 2.4 in.) and lenses up to 80 mm focal length. Can be converted to formats up to 6 x 9 cm (2.4 x 3.5 in.) and into a copy stand.

Enlarger head with removable compound negative carrier, fitted with Anti-Newton glass on top and 6 x 6 cm format mask on bottom, interchangeable with the additional supplied pair of 24 x 36 mm (35 mm) masks. 75 W opal lamp. Filter drawer, e.g. for Multigrade® filters. Exchangeable double condenser up to 6 x 6 cm. Lens panel with spirit level and red filter, tiltable for distortion correction on Scheimpflug principle. Quick change attachment for lenses. Height adjustment by hand-crank. Wall and floor projection possible. Wide, vibration-resistant column. Matt grey laminated base board with printed fine grid and height-adjustable feet. Total height: 104.5 cm (41.1 in.).

Scope of supply: Enlarger with compound negative carrier, equipped with Anti-Newton glass / 6 x 6 cm format mask, 24 x 36 mm format masks, opal lamp, filter drawer with diffusion screen, two lens holder rings. Without lens.

Conversion into a Copy Stand

The VP 9005 and VP 6005 enlargers can be converted into a copy stand in just a few simple steps. To do this, the enlarger head is replaced with a camera arm from the R1 Copy System. If required, a lighting unit from the R1 Copy System can be attached to the base board.

KAISER® FOTOTECHNIK

Rodenstock Enlarging Lenses

Click-stop disengaging, aperture presetting, illuminated aperture scale, 40.5 mm filter thread, M 39 x 1 mounting thread.

Rogonar-S: Almost unlimited application in B&W enlarging, in colour up to enlarging scales of approx. 10:1.

Rodagon: Almost unlimited application for all B&W and colour enlargements.

Apo-Rodagon N: For highest standards. Brilliant colour reproduction with apochromatic correction.

Rodagon-WA: Wide-angle lens for highest performance. For achieving large enlarging scales at normal distance to base board.

Made in Germany

Code no.	Description	Lens speed	Focal length	Elements	max. film format
4363	Rodagon-WA	4.0	40 mm	6	24 x 36 mm
4365	Rogonar-S	2.8	40 mm	4	
4367	Rodagon	2.8	50 mm	6	
4469	Apo-Rodagon N	2.8	50 mm	6	
4328	Rodagon-WA	4.0	60 mm	6	6 x 6 cm
4341	Rodagon	4.0	80 mm	6	6 x 7 cm
4340	Apo-Rodagon N	4.0	80 mm	7	
4357	Rogonar-S	4.5	90 mm	4	
4327	Rodagon	5.6	105 mm	6	6 x 9 cm
4329	Apo-Rodagon	4.0	105 mm	7	

Schneider Enlarging Lens

Componar-S: Click-stop disengaging, illuminated aperture scale, optimum performance at enlargement scale around 8:1, 30 mm filter thread, M 39 x 1 mounting thread.

Made in Germany

4325	Componar-S	2.8	50 mm	4	24 x 36 mm

FILM SIZE 24x36 mm film size

COLUMN 35x25x 760 mm

BASE BOARD 40x42 cm

4401

Made in Germany

VP 350 SYSTEM-V B&W Enlarger

Black & White enlarger for the exposure of black and white negatives on photographic paper. For the 24 x 36 mm film format (35 mm film) and lenses up to 50 mm focal length. Can be converted to formats up to 6 x 9 cm (2.4 x 3.5 in.) and into a copy stand.

Enlarger head with removable compound negative carrier, fitted with 24 x 36 mm format masks (35 mm). 75 W opal lamp. Exchangeable, optically ground single condenser. Lens panel with spirit level and red filter. Quick change attachment for lenses. Height adjustment by hand-crank. Floor projection possible. Vibration-resistant column. Matt grey laminated base board with printed fine grid. Maximum enlargement on base board: 24 x 30 cm (9.4 x 11.8 in.). Total height: 80 cm (31.5 in.).

Scope of supply: Enlarger with compound negative carrier, equipped with 24 x 36 mm format masks, opal lamp, two lens holder rings. Without lens.

RA 2 XA Copy Adapter

To convert the VP 350 enlarger into a copy stand. Horizontally adjustable. 1/4" mounting thread.

5421

Components and Accessories	VP 9005	VP 6005	VP 350
Base Boards + Accessories			
Base Board, 40 x 2.5 x 42 cm (WxHxD)	–	–	●
5517 Base Board, 45 x 2.8 x 50 cm (WxHxD)	○	●	–
5518 Base Board, 60 x 3.2 x 50 cm (WxHxD)	●	○	–
5519 Base Board, 80 x 3.2 x 60 cm (WxHxD)	○	○	–
5508 Base Frame	○	○	–
Columns + Accessories			
Column, 76 cm	–	–	●
Column w/o weight compensation, 1 m	–	●	–
4474 Column with weight compensation, 1 m	●	○	–
For more columns see page 4	○	○	–
4412 Wall Mount	○	○	–
4455 Extension Arm, 8 cm	○	○	–
4427 Column Base	○	○	–
Enlarger Head Lower Parts + Accessories			
Enlarger Head Lower Part, not tiltable	–	–	●
4568 Enlarger Head Lower Part, tiltable	○	●	–
Enlarger Head Lower Part, tiltable, w. fine drive	●	–	–
4423 Lens Holder Ring up to 50 mm	●	●	●
4424 Lens Holder Ring 60 - 105 mm	●	●	●
Lighting Head + Accessories			
4541 B&W Head, opal, up to 6 x 9 cm	●	●	●
4356 Opal Lamp, 75 W, 3000 K, E27	●	●	●
4448 Filter Drawer, 85 x 85 mm, incl. diffusion screen	●	●	○
Condensers			
Single Condenser, up to 24 x 36 mm	–	–	●
4542 Double Condenser, up to 6 x 6 cm	○	●	○
4449 Double Condenser, up to 6 x 9 cm	●	○	○
Compound Negative Carrier System			
4583 Compound Negative Carrier	●	●	●
4486 Pair of 24 x 36 mm Negative Masks	○	●	●
6 x 7 cm Format Mask	●	–	–
4433 Glass Inserts, AN glass / flat glass	●	○	○
4434 Inserts, AN glass / 6 x 6 cm Format Mask	○	●	○
For more format masks and inserts see page 5	○	○	○

● belongs to standard equipment
○ optional accessories
– not available separately or combination not possible

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Components SYSTEM-V
and Accessories

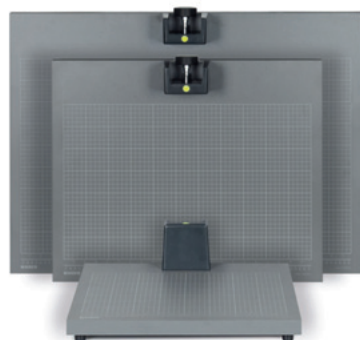4409   4408   4475   4476   4474   4407

Columns

Matt black anodized aluminium section tube 70 x 35 mm (2.8 x 1.4 in.), cm and inch scales, height-adjustable holding arm with hand crank, mount and fastening mechanism for enlarger head lower part and camera arms (R1 System).

	Height	Friction	Rack-and-pinion	Counterbalanced	Blocking screw	Fine drive
4409	1.5 m	●	–	●	●	–
4408	1.2 m	–	●	●	●	–
4475	1 m	–	●	●	●	1 : 6
4476	1 m	–	●	●	●	–
4474	1 m	●	–	●	–	–
4407	0.8 m	–	●	●	●	1 : 6

B&W Head

Lighting head with adjustable opal lamp 75 W, 3000 K, E27. Drawer for additional filters size 85 x 85 mm (3.3 x 3.3 in.), with diffusion screen.

4541

Double Condensers

With two condenser lenses. Easy mounting with two screws in the enlarger head lower part.

4449: For formats up to 6 x 9 cm (2.4 x 3.5 in.)
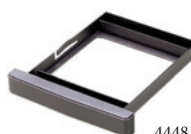4542: For formats up to 6 x 6 cm (2.4 x 2.4 in.)

4449

4542

Column Base

For mounting a column with 70 mm (2.8 in.) width to table boards or work plates. Built-in spirit level.

4427

Wall Mount

For columns with 70 mm (2.8 in.). Upper part adjustable for absolutely vertical position. Lower part with base and spirit level.

4448

4412

Base Boards

Matt grey laminated, with fine grid, cm and inch scale. Base for columns with 70 mm (2.8 in.) width. Spirit level in the base. Individually height-adjustable feet.

Board size (WxHxD):
5517: 450 x 28 x 500 mm (17.7 x 1.1 x 19.7 in.)
5518: 600 x 32 x 500 mm (23.6 x 1.3 x 19.7 in.)
5519: 800 x 32 x 600 mm (31.5 x 1.3 x 23.6 in.)

(Dimensions excluding base and feet)

Filter Drawer

For lighting head. For filter inserts size 85 x 85 mm (3.3 x 3.3 in.), e.g. Multigrade®-Filter. With diffusion screen for homogeneous light distribution.

Base Frame

For converting an enlarger from table to free-standing model. Suitable for 45 x 50 cm (17.7 x 19.7 in.), 60 x 50 cm (23.6 x 19.7 in.) and 80 x 60 cm (31.5 x 23.6 in.) base boards. Height-adjustable feet.
Dimensions (WxHxD): 580 x 510 x 595 mm (22.8 x 20.1 x 23.4 in.).

5508

Lens Holder Rings

For the fast mounting of lenses on the enlarger head lower part.

4423: For lenses up to 50 mm focal length
4424: For lenses from 60 to 105 mm focal length

Extension Arm

To extend the camera arm mount of the column by 80 mm (3.2 in.).

4455

KAISER®
FOTOTECHNIK

Enlarger Head Lower Part

Condenser housing with bellows and lens panel with spirit level and red filter, tiltable for distortion correction on Scheimpflug principle. Quick change attachment for lenses.

With lens adapter rings for lenses up to 50 mm and from 60 up to 105 mm focal length. Without condenser, without compound negative carrier.

4568

Compound Negative Carrier

For use with format masks and glass inserts size 100 x 72.5 mm (3.9 x 2.9 in.).

Adjustable guide pins for 61.5 mm (roll film 120) and 41 mm (roll film 127) film widths and 35 mm film. Four continuously adjustable masking strips for selecting the desired detail. Two grid pins at standard hole intervals.

4583

Enlarging Equipment

"promask 30/40" Professional Masking Frame

Frame made of non-warping moulded aluminium. Pneumatic spring. Four masking strips with fast adjustment and fine setting. Matt grey base plate. Margin stop with preclamping device. Sinkable grid pins. For formats up to 30 x 40 cm (12 x 16 in.). Dimensions: 630 x 70 x 515 mm (24.8 x 2.8 x 20.3 in.).
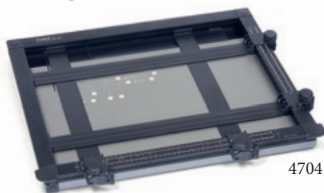
4704
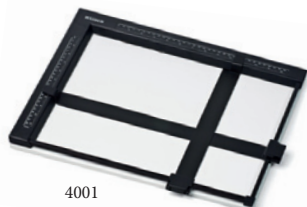
Masking Frame 24 x 30 cm

Metal masking frame with snap paper holding mechanism. Two bilaterally guided masking strips. Matt white metal base plate.

For formats up to 28 x 36 cm (11 x 14.2 in.). Dimensions: 470 x 30 x 395 mm (18.5 x 1.2 x 15.6 in.)

4001

4030

"digital timer"

Electronic exposure timer for enlargers. Time range: 0.1 - 99 seconds. 2-digit amber-coloured display. Time count-down to zero, then reset to starting time. Focusing light switch. Dimensions: 100 x 75 x 152 mm (3.9 x 3 x 6 in.).

Darkroom Safelight LED

Can be used as wall or table-top light. Top tiltable. Mounting on wall can be done either for direct or indirect lighting. With LED lamp (2016) and filter for variable contrast papers and graded B&W papers (4015). Dimensions: 140 x 110 x 90 mm (5.5 x 4.3 x 3.5 in.).

4018

Format Masks and Inserts

For insertion into the compound negative carrier of the enlargers and into the FilmCopy Vario holding device (see page 12/13). With antistatic finish. Dimensions: 100 x 72.5 mm (3.9 x 2.9 in.).

4486: Format masks 24 x 36 mm (35 mm) (a+b)

4491: Format masks 24.5 x 36.5 mm (35 mm) (a + b), for pictures with black border

4431: Format masks 4.5 x 6 cm

4485: Format masks 6 x 6 cm

4436: Format masks 6 x 7 cm

4492: Format masks 24 x 66 mm (panorama)

4435: Insert pair AN glass / format mask 24 x 36 mm (b)

4434: Insert pair AN glass / format mask 6 x 6 cm

4432: Insert pair AN glass / format mask 6 x 7 cm

4487: Glass insert pair AN glass

4433: Glass insert pair AN glass / optical glass

4490: Glass insert pair optical glass

4494: Pair of masks for "do-it-yourself" cut

4489: Format mask for mounted negatives/slides with overall format 5 x 5 cm

4486
4491
4431
4485
4436
4492
4435
4434
4432
4487
4433
4490
4494
4489

Lamps

Darkroom Lamp, red

For processing B&W photo papers. Can be used together with clamp-on lamp holders, for example. 15 W, 230 V, E27.

4227

Opal Lamp

With special inner coating of the bulb. High luminous flux. Average service life: 100 hours. 75 W, 3000 K, E27. Replacement lamp for B&W enlargers, e.g. 4401, 4465 and 4540.

4356

LED Daylight Lamp

1.2 W, 5500 K, 120 lm, 100 - 240 V, E14, not dimmable. Replacement lamp for darkroom safelight LED 4018 and for slide viewers 2006, 2015.

2016

Safelight Filters

For darkroom safelight LED 4018.

4013: Orange, for B&W silver chlorobromide papers.

4014: Red, for orthochromatic films and papers, also for B&W graded papers.

4015: Multigrade®, for variable contrast papers and B&W graded papers.

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Film and Paper Processing

Contains all items required for B&W developing: film wiper (4072), tank thermometer (4081), film clips (4117), chemical storage bottle white (4192) and brown (4193), funnel ø 120 mm (4243), graduate 250 ml (4253) and "Standard" developing tank (4296).

4299

Developing Tanks

For 135 (35 mm), 126 (Instamatic), 127, 120 or 220 (roll film) film sizes. Tank and reel made of non-breakable plastic. Quick-drain outlet. Max. quantity: 650 ml, ø 100 mm (3.9 in.), height 160 mm (6.3 in.).

4297: "Universal" Developing Tank, with two adjustable self-winding reels. Capacity: two films size 135 (35 mm) or four films size 126 or two films size 127 or one film size 220 or two films size 120.

4296: "Standard" Developing Tank, with one adjustable self-winding reel. Capacity: one film size 135 (35 mm) or two films size 126 or two films size 127 or one film size 220 or two films size 120.

Additional reel 4298 available.

4298

4297

Digital Timer

Count-down timer and count-up timer (stop watch) with four-figure LCD display. Up to max. 99 minutes 59 seconds. Magnet on the back. Dimensions: 70 x 53 x 8 mm (2.8 x 2.1 x 0.3 in.).

4216

Thermometer

Alcohol-filled.

4080: Developing Tank Thermometer made of unbreakable plastic. Scale: -10 to 50 °C.

4081: Developing Tank Thermometer made of glass. Centigrade and Fahrenheit scale: 0 to 50 °C / 32 to 120 °F.

4086: Precision Thermometer. Especially suited for photographic colour processing. Scale: 10 to 50 °C, calibrated in steps of 0.2°, margin of error ± 0.2°.

4083: Tray Thermometer, with angled stem and hook for hanging it on tray's edge. Centigrade and Fahrenheit scale: 0 to 50 °C / 32 to 120 °F.

4080

4081

4086

4083

Film Washing Hose

For fast and thorough film washing. Fits e.g. 4296/4297 developing tanks and almost all water taps. Length: 55 cm (21.7 in.).

4263

Film Wiper

With film-friendly, triple rubber blades, 116 mm (4.6 in.) wide. For film widths up to 100 mm (3.9 in.). Length: 200 mm (7.9 in.).

4072

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Changing Bags

For working with light-sensitive material where no darkroom is available. Also for dust-free change of lenses. Made of special black light-proof fabric with rubber lining. Infrared light-proof. With two hand holes and light-proof zipper.

6389: 68 x 76 cm
      (26.8 x 29.9 in.)
6390: 40 x 43 cm
      (15.7 x 16.9 in.)

Film Clips

For hanging up wet films. 1 clip with weight, 1 without weight.

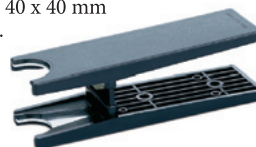4117: Made of plastic with stainless steel spring.
      3-hole clip mechanism.

4120: Stainless steel model.
      2-hole clip mechanism.

4117

4120

Film Leader Retriever

For extracting 35 mm film leader from cartridges into which the film has been wound. Simple use.

4132

Film Cartridges

For 35 mm film. For self-loading with bulk film material. Plastic type. 5 pieces.

4127

Film Cartridge Opener

For opening 35 mm film cartridges. Dimensions: 140 x 40 x 40 mm (5.5 x 1.6 x 1.6 in.).

4125

Film Loader

For loading bulk 35 mm film into cartridges in daylight. For bulk film material up to 30 m (98 ft.). With frame counter and remaining-film meter. Dimensions: 130 x 110 x 80 mm (5.1 x 4.3 x 3.1 in.).

4129

Funnel

For handling photochemicals. Ribbed barrel to prevent air-locks and facilitate fast pouring.

Diameter: 120 mm (4.7 in.)
Height: 170 mm (6.7 in.)

4243

Lab Apron

Acid-resistant and washable, made of light pleasant-to-wear material. With pocket. Dimensions: 100 x 70 cm (39.4 x 27.6 in.).

4065

Chemical Storage Bottles

Made of polyethylene, unbreakable and acid-proof. With screw cap and blank label.

4192: 1000 ml, white
4193: 1000 ml, brown
4194: 2000 ml, white

Graduated Beakers and Graduates

Made of chemical-resistant plastic. Temperature-resistant up to 80 °C / 176 °F (graduated beakers) or 95 °C / 203 °F (graduates). With pouring lip and scale.

Graduated Beaker	Content	Height
4256	1000 ml	180 mm
4257	2000 ml	215 mm

Graduate	Content	Height
4250	50 ml	150 mm
4252	100 ml	160 mm
4253	250 ml	195 mm
4254	500 ml	220 mm
4255	1000 ml	285 mm

Accordion Bottles

For photochemicals. The accordion-like walls can be pressed together, setting excess air free. This reduces the danger of oxidation and allows for longer storage of chemicals. With screw-on cap.

4198: 550 - 1000 ml
4199: 900 - 2000 ml
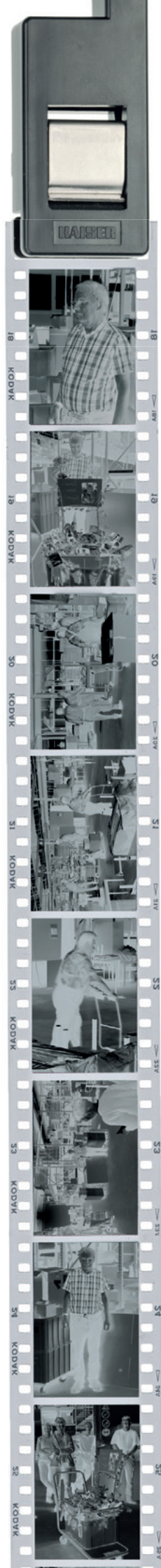
Film and Paper Processing

Safety Trimmer

Rotary trimmer with ground, rotating circular blade, self-sharpening, in closed plastic housing. Automatic paper clamping at cutting position. Transparent pressure rail. Sturdy metal base board with scales, format and angle markings. Two angle stops. Cutting head easy to change. GS/DGUV tested. Cutting length: 320 mm (12.6 in.), cutting thickness: max. 0.5 mm (0.02 in. / 5 sheets / 80 g). Dimensions: 420 x 65 x 190 mm (16.5 x 2.6 x 7.5 in.).
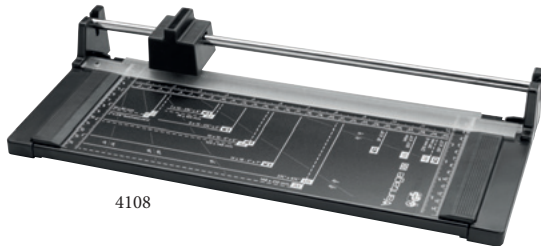
4108

Print Tongs

4067: Stainless steel print tongs with spiral spring and paper-friendly protective caps. Length: 150 mm (5.9 in.). 2 pieces.

4062: Self-opening plastic print tongs with moulded tray edge recess. Length: 160 mm (6.3 in.). 2 pieces.

4067

4062

Drying Rack

4048

For air-drying of plastic-coated paper (PE/RC papers). Required space: 32 x 22.5 cm (12.6 x 8.9 in.). Height: 25 cm (9.8 in.).

4094

PE/RC Print Washer

For formats up to 30 x 40 cm (12 x 16 in.). For quick and thorough washing of plastic-coated papers. With connecting hose (1 m / 3.3 ft.) and hose clip. Dimensions (WxHxD): 460 x 85 x 360 mm (18.1 x 3.3 x 14.2 in.).

Digital Thermometer

4092

Multi-purpose thermometer with fast response. Shows the lowest or highest measured temperature. Adjustable min. and max. temperature, acoustic signal when temperature falls below/exceeds. Stainless steel probe with 1 m (3.3 ft.) cable. Foldable stand.

Temperature range: -50 ... +300 °C (-58 ... +572 °F)

Dimensions (w/o probe): 120 x 69 x 20 mm (4.7 x 2.7 x 0.8 in.)

Tray Warmer 30 x 40 cm

For obtaining a constant temperature during tray processing. All-metal housing. Dimensions (WxHxD): 310 x 60 x 450 mm (12.2 x 2.4 x 17.7 in.).

Heating capacity: 300 Watt
Control range: 20 … 45 °C (68 - 113 °F)
Tolerance: ± 0.5 °C

4141

Lab Trays

Made of shock-resistant plastic. Acid-proof and heat resistant. Grooved bottom enhances removal of paper and ensures best possible flow for chemicals and stability. With pouring lip and recess for tray thermometer.

For sizes up to	White	Dark Grey	Red
13 x 18 cm	4151	4152	4153
20 x 25 cm	4156	4157	4158
24 x 30 cm	4166	4167	4168
30 x 40 cm	4171	4172	4173
40 x 50 cm	4176	4177	4178

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Cleaning and Care

6314

Blower Brush with large rubber blower bulb.

6311

Blower Brush with silicone blower bulb and flat base.

6301

Lens Brush
In plastic tube. With lipstick twist mechanism.

6323

Contact Cleaner
for cleaning oxidized and soiled contact surfaces.

6363

Special Antistatic Cloth
Lint-free. Chainstitched border. 25 x 28 cm (9.8 x 11 in.).

6339

6328

Microfibre Cleaning Cloth
6328: With hemmed edges.
6339: With button hole.

6662

Display + Optics Cleaning Kit
Pump spray and micro fibre cleaning cloth.

6697

Cleaning Set
Optic cleaning spray, cleaning paper and blower brush.

6698

Optic Cleaning Spray
2 x pump spray.

6695

Optical-Glass Cleaning Paper
4 rolls of 40 sheets each.

Silicone Blower Bellows

For contact-free, gentle cleaning of sensitive surfaces, even in hard-to-reach areas. Strong blowing effect. Permanently elastic, abrasion-proof silicone bellows. Air nozzle with soft tip to protect the surface. Rear air duct valve. With flat base.

6304: "Compact" Blower Bellows
     Length: 128 mm (5 in.)
     Bellows: ø 47 mm (1.9 in.)
6306: "Typhoon Swing" Blower Bellows
     With tiltable air nozzle and
     large base with suction foot.
     Length: 182 mm (7.2 in.)
     Bellows: ø 64 mm (2.5 in.)

"Clear Gear" Compressed Gas Cleaner

For touch-free dust removal. Propane/butane mixture.
6308: 200 ml
6310: 400 ml, special high-
       pressure version

Cotton Gloves

Acid-free, easy-care, 100 % cotton, washable up to 60 °C (140 °F).
6365: Size L, one pair
6367: Size L, three pairs
6362: Size XL, one pair

6306

6304

Kinetronics Cleaning Products

702005

SpeckGRABBER Pro Kit SGK
With SpeckGRABBER Pro handle, three tips, cleaning solution and anti-static cloth. In robust box.

707030, 700001

Tiger Cloth
Antistatic microfibre cloth for dry cleaning. Highly conductive blended fabric, washable, soft and lint-free. 2 sizes.

706510, 706518

Panther Cloth
Antistatic microfibre cloth for use with liquids. Highly conductive blended fabric. 2 sizes.

750001-003

Antistatic Gloves
Made from soft microfibre with conductive fibres. Lint-free and washable. 3 sizes.

760030

Scanner Cleaning Set
For cleaning the glass cover of flat-bed scanners. Also for negatives, slides, photos, etc.

700020-141

Static-Wisk
Antistatic brushes for sensitive surfaces, with simultaneously dissipation the static charge. 5 widths.

705035-100

MiniStat
Antistatic film cleaner for films, negatives and slides. In widths of 35, 70 and 100 mm.

709070

KineStat (KS)
Antistatic film cleaner for films, negatives and slides. With grounding cable. Width: 70 mm.

Made
in
Germany

prolite LED

Professional daylight light boxes with high CRI LEDs. For uniform and colour correct illumination for viewing, sorting and photographic capturing (digitizing) of slides and other transparent originals or of other materials. Continuously dimmable. 6 mm T-slot on all four side sections for installation in systems and installations and for attaching accessories.

Supplied with separate mains adapter, mains lead, two sliding blocks, two square nuts and two neodymium magnets.

High CRI LEDs: colour temperature approx. 6000 Kelvin, colour rendering index CRI: 95, flicker-free operation. Precise colour rendering for inspection and photographic reproduction of originals.

**Dimmer:** brightness continuously adjustable.

High-quality acrylic glass plate with particularly high transmission and also optimized light diffusion, cm and inch scales at the illuminated area.

Two strong neodymium magnets for fixing originals right next to the illuminated area.

Sturdy light metal housing with 6 mm T-slot on all four side sections, compatible with various connecting and accessory parts for 6-slot profile systems. This enables installation in systems and installations as well as the attachment of accessories to the light box.

A sliding block in each of the T-slots of the short sides can be moved and locked, internal 5 mm thread, e.g. for fastening the optional swivel bracket.

Two square nuts with M6 (6 mm) thread for insertion into the T-slot of the side sections.

Non-slip rubber feet.

Power supply via included mains adapter (input: AC 100 - 240 V, 50/60 Hz, output: DC 24 V, 2.5 A).

Universal swivel bracket made of aluminium as optional accessory. Can be used both as a support bracket and for wall mounting of the light box.

Code no.	2479	2480
Description	prolite LED 37/25	prolite LED 50/37
Illuminated area	37 x 25 cm	50 x 37 cm
Light source	135 High-CRI LEDs	270 High-CRI LEDs
Colour temperature	approx. 6000 Kelvin	approx. 6000 Kelvin
Colour rendering index	CRI: 95	CRI: 95
Light density	9400 cd/m^2	10000 cd/m^2
Dimmable	continuously via rotary control	
Operating voltage	24 V	24 V
Mains operation	●	●
Outer dimensions	439 x 54 x 343 mm	594 x 54 x 439 mm
Weight	3.12 kg (6.9 lbs.)	5.14 kg (11.3 lbs.)
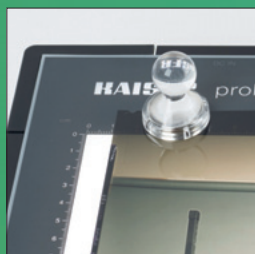
Neodymium Magnets

Strong magnets, e.g. for fixing flat originals to the prolite LED light boxes. 4 pieces.

2485

Swivel Brackets

Universal swivel brackets made of aluminium for prolite LED light boxes. Can be used both as a support bracket and for wall mounting of the light box. Adjustable set-up or tilt angle. Clamp levers for easy adjustment. Mounting accessories and two neodymium magnets included.

2482: For prolite LED 37/25 light box

2483: For prolite LED 50/37 light box

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slimlite plano

Super flat and dimmable daylight light boxes with built-in rechargeable battery. Just 8 mm thin.

For uniform and colour precise illumination for viewing, sorting and photographic capturing (digitizing) of slides or other transparent originals.

Colour temperature approx. 5000 Kelvin and colour rendering index CRI of 95 provides for precise colour rendering for inspection and photographic reproduction of originals. Flicker-free operation. Cm and inch scales beside the illuminated area of acrylic-glass. A short touch of the touch switch activates the light source, a longer touch changes brightness continuously and saves the selected setting (memory function).

Various power supply possibilities: by a built-in lithium-ion battery, the combined mains adapter/charger included or the USB cable using a power bank, computer or car.

Supplied with mains adapter/charger and USB cable.

Code no.	2453	2454	2455
Illuminated area	22 x 16 cm	32 x 22.8 cm	42.9 x 30.9 cm
Light source	23 High-CRI LEDs	33 High-CRI LEDs	90 High-CRI LEDs
Colour temperature	5000 Kelvin	5000 Kelvin	5000 Kelvin
Colour rendering index	CRI: 95	CRI: 95	CRI: 95
Light density	750 cd/m^2	600 cd/m^2	650 cd/m^2
Dimmable	continuously via touch switch		
Operating voltage	5 V	5 V	5 V
Mains operation	●	●	●
Battery operation	●	●	●
Operating time*	5 hours	3.5 hours	1.5 hours
Outer dimensions	29 x 0.8 x 20 cm	39 x 0.8 x 27 cm	50 x 0.8 x 35 cm
Weight	570 g (1.3 lbs.)	1010 g (2.2 lbs.)	1690 g (3.7 lbs.)

* at full power, longer when dimmed
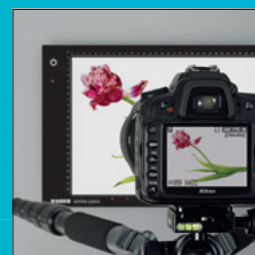
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Digitization:
Analogue goes Digital!

FilmCopy Vario

Stable holding device for the exact positioning of slides and negatives of various formats. For digitizing by using a camera with macro lens (1:1) mounted to a copy stand or tripod. To use on light boxes.

Includes insert for 35 mm slides in 5 x 5 cm mounts and 24 x 36 mm format masks with guide ridges for 35 mm film strips. With appropriate format masks or glass inserts (each available as accessories, see page 5) also suitable for film strips and cut single slides and negatives of the 4.5 x 6 cm, 6 x 6 cm, 6 x 7 cm and 6 x 9 cm film formats and the 24 x 66 mm panoramic film format. Inserts are easy to change.

Mounted 35 mm slides can be placed directly from above on the device, for placing film strips the pressure frame has to be opened. Bottom part with adjustable stop pins for different film widths plus four steplessly adjustable masking strips.

Overlay mat sized 254 x 201 mm (10 x 7.9 in.) serves as a protection against stray light.

Weight of FilmCopy Vario (w/o masks, w/o overlay mat): approx. 600 g (1.3 lbs.).

The FilmCopy Vario Kit (2458) already includes the super flat "slimlite plano" LED light box for illumination during digitization (illuminated area: 22 x 16 cm (8.7 x 6.3 in.), 5000 Kelvin daylight, CRI: 95, continuously dimmable, battery and mains operation; for a detailed description see page 11).
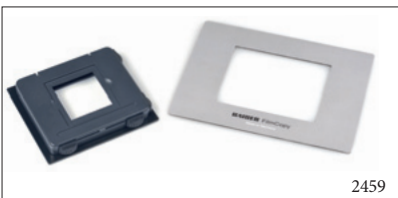
2457: FilmCopy Vario

2458: FilmCopy Vario Kit, consists of FilmCopy Vario (2457) and slimlite plano light box (2453)

DigiCopy Vario
FilmCopy Vario Kit
FilmCopy Vario *plus*

2457

2458

Application example with tripod
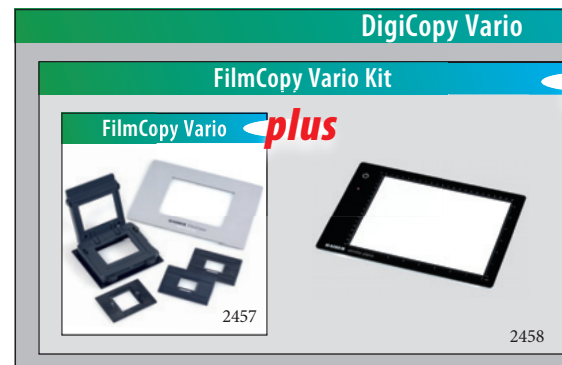
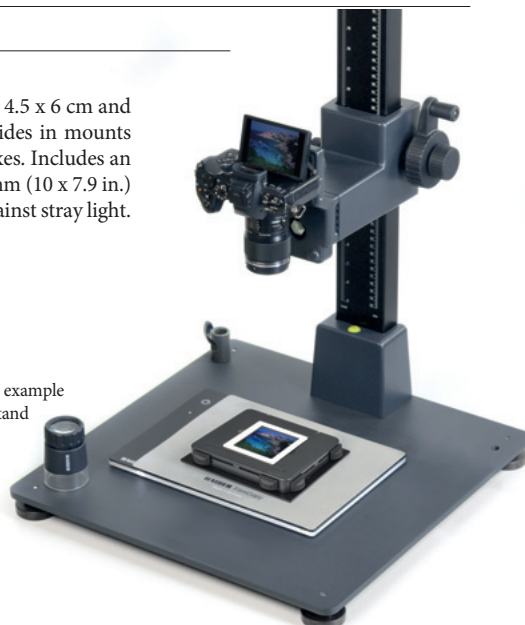## FilmCopy dia MF

Holding device for mounted 4.5 x 6 cm and 6 x 6 cm medium format slides in mounts 7 x 7 cm. To use on light boxes. Includes an overlay mat sized 254 x 201 mm (10 x 7.9 in.) that serves as a protection against stray light. Weight: 370 g (13 oz.).

2459

Application example with copy stand

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12

DigiCopy Vario

Complete starter kit for digitizing 35 mm slides and negatives with your own smartphone or a lightweight camera with macro lens (1:1). Can be converted for film formats up to 6 x 9 cm with format masks and glass inserts available as accessories (see page 5).

Consisting of the compact reprokid copy stand for attaching a lightweight camera or the smartphone mount, which is also included, the FilmCopy Vario holding device with an insert for mounted slides with external dimensions 5 x 5 cm (2 x 2 in.), exchangeable for 24 x 36 mm format masks, and the slimlite plano LED light box as a transmitted light source, with an overlay mat to cover the edges. The kit furthermore contains a blower brush for gentle cleaning of slides and negatives.

Scope of delivery in detail:

reprokid Copy Stand (5361). Compact copy stand for small, light-weight cameras up to 1 kg (2.2 lbs.) or smartphones (attachment with smartphone holder). Non-reflective, matt grey base board 32 x 38 cm / 12.6 x 15 in. (W x D), column 59 cm / 23.2 in., height-adjustable camera arm with 1/4" connection thread.

FilmCopy Vario (2457). Stable holding device for the exact positioning of sli-des and negatives of various for-mats during digitizing by using a smartphone or a camera with macro lens (1:1) mounted to a copy stand or tripod. To use on light boxes (for a detailed description see page 12).

slimlite plano Light Box (2453). Super flat LED light box for uniform and colour precise illumination (22 x 16 cm (8.7 x 6.3 in.) illuminated area, 5000 Kelvin daylight, CRI: 95, continuously dimmable, battery and mains operation; for a detailed description see page 11).

2460 with smartphone

Smartphone Mount (6015). For fastening a smartphone to a tripod, a copy stand or a holding device with 1/4" connection thread. Rubberized quick clamp with 55 – 90 mm (2.2 – 3.5 in.) span width. Dimensions (WxHxD): 36 x 73(-108) x 24 mm (1.4 x 2.9 (-4.3) x 0.9 in.).
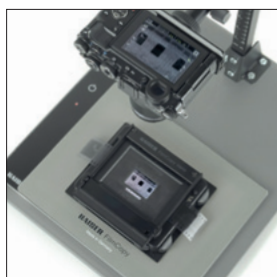
Blower Brush (6311). Small round brush with silicone blower bulb. With flat base for set up. Length: 10 cm (3.9 in.), depth: 3.3 cm (1.3 in.), bellows diameter: 5 cm (2 in.).

plus

2460

"Digital" Slide Duplicator

6506

For copying slides and negatives. Suitable for digital cameras with front lens thread (not for use with macro lenses). 52 mm connecting thread. 58 mm adapter ring included, further adapter rings available as optional accessories. With detachable achromatic macro lens.

Full size copies with following focal length range: 80-120 mm (full-frame / 35 mm), 50-80 mm (APS-C) or 40-60 mm (Micro-Four-Thirds). Larger frames require higher focal length. Includes holder for two 35 mm slides.
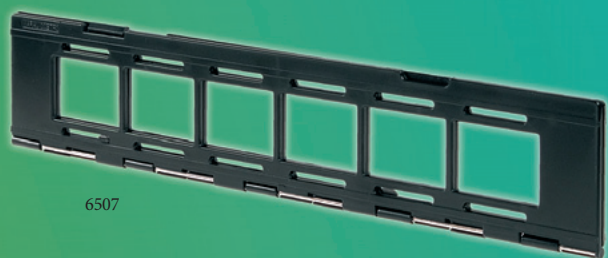
Application example with camera

6507

Film Strip Carrier

For six 35 mm negatives or unmounted slides. For use with slide duplicator 6506.

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Slide Accessories + Filing

KAISER diascop 50 N

"diascop" Slide Viewers

Kaiser diascop 4 LED

With 3x magnifying double lens. For 5 x 5 (2 x 2 in.) framed slides and uncut film strips in protective sleeves. Drop chute with collecting tray. LED daylight lamp. Mains operation.

2006

Kaiser diascop 3

With 3x magnifying double lens. For 5 x 5 (2 x 2 in.) framed slides and uncut film strips in protective sleeves. Drop chute with collecting tray. On/off switch. Battery operation or mains operation with mains adapter 2009 (optional accessory).

2005

Kaiser diascop 1

With 2x magnifying lens. For 5 x 5 cm (2 x 2 in.) framed slides and uncut film strips in protective sleeves. On/off switch. Battery operation.

2003

Kaiser diascop mini

Compact slide viewers for 5 x 5 cm (2 x 2 in.) framed slides. With hinged prop. Battery operation.

2010: "diascop mini 3", with 3x magnifying double lens

2011: "diascop mini 2", with 2x magnifying lens

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2015

diascop 50N LED Slide Viewer

With 3x magnifying double lens. For 5 x 5 cm (2 x 2 in.) framed slides and uncut film strips. Change slider for convenient slide changing without annoying bright intervals. Drop chute for up to 40 slides. Top section tiltable for adjusting desired viewing angle. LED daylight lamp. Mains operation. Dimensions (WxHxD): 150 x 80 x 175 mm (5.9 x 3.1 x 6.9 in.).

2012

Slide Viewer

For 5 x 5 cm (2 x 2 in.) framed slides and film strips. 2x magnification. Lens: ø 18 mm (0.7 in.). Dimensions (WxHxD): 55 x 55 x 60 mm (2.2 x 2.2 x 2.4 in.).

Lamp

2.5 V, 300 mA, E10. Replacement lamp for slide viewers 2003, 2005, 2010, 2011.

2107

LED Daylight Lamp

1.2 W, 5500 K, 120 lm, 100-240 V / 50-60 Hz, E14. Not dimmable. Replacement lamp for slide viewers 2006, 2015 and darkroom safelight 4018.

2016

C.A.M./CS Slide Mounts

One-piece glassless snap-down slide mount, 5 x 5 cm (2 x 2 in.), as defined in DIN 108, for 35 mm slides. For manual mounting and automatic mounting with Kaiser diamount C.A.M./CS slide cutters and mounters, Reflecta Servicemaster CS 2 and Braun Paximat Automount.

Clamping strip to secure and accurately position the transparency. Guide rail for exact position of the transparency during automatic mounting. Mount thickness 1.8 mm (0.07 in.). For CS, LKM and Paximat Compact magazines. Pack of 100 pieces.

2156

Negative Filing Sheets

For the orderly and protected storage and archiving of negative strips. Including cover sheet with index. Margin punched with Euro-holes. Dimensions: 260 x 310 mm (10.2 x 12.2 in.).
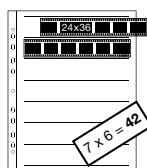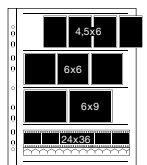
Negative Filing Sheets for 35 mm film. For 42 35mm negatives (7 strips of 6 negatives each).

2510: Made of milky white glassine. 100 sheets.

2515: Made of milky white glassine. 25 sheets.

2530: Made of clear acetate. Especially suitable for producing contact prints. 100 sheets.

2535: Made of clear acetate. Especially suitable for producing contact prints. 25 sheets.

Negative Filing Sheets for 60 mm film. For 4 negative strips.

2610: Made of milky white glassine. 100 sheets.

2630: Made of clear acetate. Especially suitable for producing contact prints. 100 sheets.

Slide Sleeves for 35 mm slides

For orderly and safe storing and filing of 15 slides in 5 x 5 cm (2 x 2 in.) frames. With side pockets for labelling. Plasticiser-free PP film without chemical effect on the slides. Clear upper side, underside frosted. Margin punched with Euro-holes. Dimensions: 232 x 303 mm (9.1 x 11.9 in.).
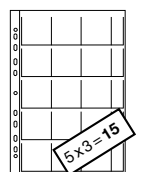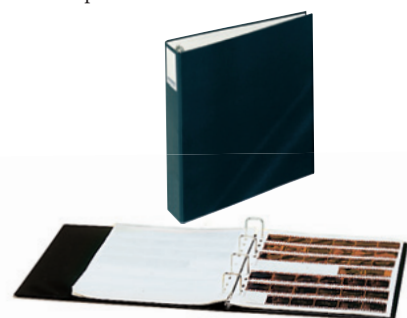
2585: Pack of 15 sheets.

Filing Binder for filing sheets

4-ring binder for Kaiser negative filing sheets and slide sleeves.

Dimensions (WxH): 300 x 320 mm (11.8 x 12.6 in.). Back: 60 mm (2.4 in.), with a slide-in spine label.

2500

Magnifiers

All-Purpose Magnifier 4.5 x

With high-quality lens made of optical glass. Sharp, distortion-free image up to the edges. Eyesight correction from +1 to -2.5 dpt. Translucent base for reflected and transmitted light originals. Magnification: 4.5x. Lens: ø 35 mm (1.4 in.). Viewing field: ø 45 mm (1.8 in.), suitable for 35 mm slides. Height: 70 mm (2.8 in.).

2351

Base Magnifier 10-fold

Magnifier for all-round use with colour corrected aspherical lens and eyesight correction. Transparent base. Magnification: 10x. Lens: ø: 20 mm (0.8 in.). Height: 40 mm (1.6 in.). Diameter: 66 mm (2.6 in.).

2332

Base Magnifier 8-fold

Magnifier for all-round use. Transparent base.

Magnification: 8x
Lens: ø 24 mm (0.9 in.)
Height: 45 mm (1.8 in.)

2334

"mobile" Pocket Magnifier

Flat slide-out magnifier with LED light that switches on automatically when the magnifying glass is fully extended.

Magnification: 3x
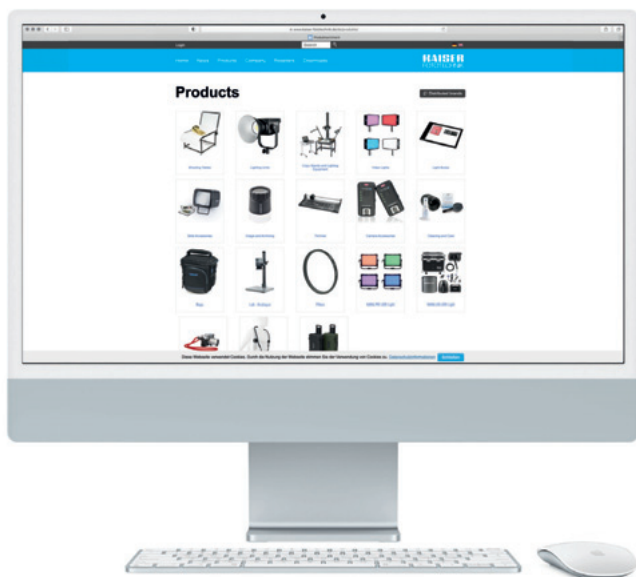Lens size: 45 x 38 mm (1.8 x 1.5 in.)

2372

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More Information

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Lighting equipment and lamps as described in this brochure are marketed for the purpose of illumination for image capture and not for use in other applications.

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