Camera & Stands

Lighting Equipment

for Digital**&**Analogue Image Capturing

and Reproduction

KAISER
FOTOTECHNIK

Contents

Many two-dimensional originals and subjects of small objects require a special set-up for capturing the image: The camera should look down at the subject. In many cases an accurate, repeatable alignment is indispensable. This can be achieved by using special camera stands – known as copy stands in the "world of photography".

Stand and lighting equipment together with a suitable camera represent a complete solution for these image capturing jobs. The Kaiser range of camera stands and lighting equipment is organized in "system families", within which the individual components are coordinated to harmonize with each other.

When choosing a "suitable" lighting system, you have to take a variety of issues into consideration: dimensions, condition and reflective properties of the subject to be captured as well as the type of storage media used with your camera. When working on "analogue" film, it is of special importance that the light matches the color temperature.

With digital photography requirements with respect to the stability of the light can be of importance. High-frequency lighting are advantageous in many applications.

More Information

To learn more about the vast range of Kaiser products, ask for the Kaiser General Catalogue or visit us on the Internet at www.kaiser-fototechnik.com

"eVision" Copylizer

This universal "image capturing tool" comprises a complete reflected/transmitted-light/stand combination, especially suitable for digital image capturing.
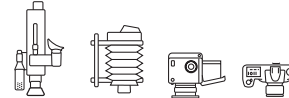
rePRO

This system is uncompromisingly designed for heavy loads and outstanding stability and meets all professional requirements in analogue and digital image capturing. It provides the necessary stability especially for line sensor scanning cameras, micro scanning systems, optical bench view cameras and TV cameras.

R1

High flexibility and extraordinary versatility are the outstanding features of the R1 system, being equally well suited for analogue and digital applications. A vast range of components and accessories lets you even cope with special tasks.

R2
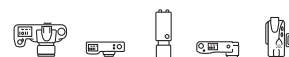
A "amateur" system – also suitable for professional applications, as these stands offer proper stability for industry CCD cameras as for light-weight SLRs or digital compacts.
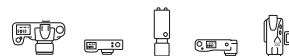
reprokid

This unit is ideal for all applications where little space and light weight is the issue. Low cost is a welcomed side effect.

All units are available in 120 V, 230 V and 240 V unless otherwise indicated.

Kaiser

"eVision" Copylizers

The Complete Reflected/Transmitted-Light/Stand Combination

- For photographic and electronic capturing of subjects of any kind, including three-dimensional subjects.

- For electronic documentation using digital or analogue camera systems.

- For capturing documents, logos, symbols, photos and drawings for further processing in DTP systems or for further use in video conferences or online networks.

- For reproducing and documenting X-ray films, large format slides, silhouetted subjects and transparent objects.

- For making presentation slides.

- As a video presenter in schools and universities, at training courses and meetings, in advertising, industry, medical imaging, for use by military and public authorities.

- For integration into evaluation systems for quality testing and monitoring in industry labs.

Everywhere in industry and administration, in medicine, science and research, in the entire area of communication and information technologies, where photos and other originals have to be copied, catalogued, archived, proiceessed or transformed, there is one thing you need apart from the camera system of your own choice: a Kaiser copylizer. It provides reliable camera mounting and suitable lighting when reproducing and documenting in conventional photography as well as for digital electronic image capturing.

The stands can be used either with or without the respective side lighting units, as there are monting provisions on all stands.
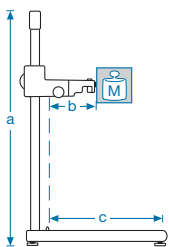
Copylizer

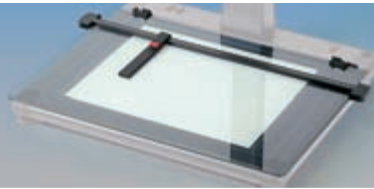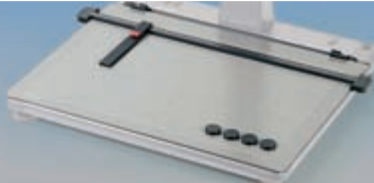|	eVision exe.cutive			eVision ini.tial	
Code number	**5232**	**5212**	**5211***	**5206**	**5205***
STAND	Consisting of illumina base plate with column and camera arm.				
llumina base	Integrated transmitted light source with daylight fluorescent lamps, 5000 K color temperature, cm and inch scales, individually height-adjustable feet ④. Includes mounting fixtures for optional side lighting unit.				
▪ Outer dimensions	63 x 55 cm / 24.8 x 21.7 in.			32 x 45 cm / 12.6 x 17.7 in.	
▪ Illuminated area	43 x 35 cm / 16.9 x 13.8 in.			20 x 18 cm / 7.9 x 7.1 in.	
▪ Lamps	4 x 13w			4 x 8w	
▪ Replacement lamp(s)	2136 (1 piece), 2477 (4 pieces)			2146 (1 piece), 2475 (4 pieces)	
▪ cd/m² on illuminated surface	3300			4600	
▪ High-frequency operation	●	●	–	●	–
▪ Dimmable	●	–	–	–	–
▪ Base with spirit level	●	●	●	–	–
Column	Made of special aluminum tubing. High stability, vibration-resistant. 70 mm/2.8" wide. cm and inch scales. Holding arm made of die-cast aluminum. Hand crank for height adjustment. Exchangeable camera arm.				
▪ Height	100 cm / 39.4 in.			67 cm / 26.4 in.	
▪ Height adjustment with weight compensation	●	●	●	●	●
▪ Rack-and-pinion height adjustment with fine drive ⑤	–	–	–	●	●
Camera arm					
▪ Type (see page 11)	RTP ②			RA 101	
▪ Adjustability	horizontal			no	
▪ Camera mount	³/₈" / ¹/₄", interchangeable			³/₈" / ¹/₄", interchangeable	
▪ Camera positioning device	●	●	●	●	●
▪ Detachable/interchangeable	●	●	●	●	●
Suitable lighting units	5276/5277 5280/5281	5276/5277 5280/5281	5270	5266	5265
a	106 cm / 41.7 in.			73 cm / 28.7 in.	
b	13.5 - 21.8 cm / 5.3 - 8.6 in.			11.7 cm / 4.6 in.	
c	59 x 43 cm / 23.2 x 16.9 in.			28 x 33.5 cm / 11 x 13.2 in.	
M	4 kg / 8.8 lbs. max.			4 kg / 8.8 lbs. max.	

* not available in 120 V
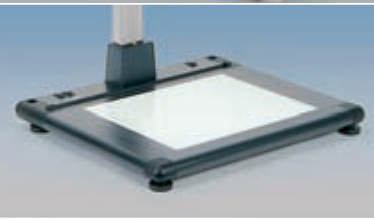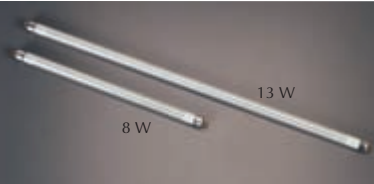
Lighting Units for Copylizers

RB 2.18		RB 2.36	RB 4.36 HF		RB 4.55 HF		
5265	**5266**	**5270**	**5276**	**5277**	**5280**	**5281**	**Code number**
Consisting of two lights and lamp arms. Light banks for even and soft illumination. Connects to and is operated via copylizer ③ + ①, or separate control box (with 5265, 5266) ⑥. Compact fluorescent lamps, daylight-type, color temperature 5400 K, Color rendition index (CRI) 90-100.							**LIGHTING UNIT**
							Lights
2 x 18w		2 x 36w	4 x 36w		4 x 55w		Lamp type
2 x 18w		2 x 36w	4 x 36w		4 x 55w		Lamps
5458		5567	5567		3454		Replacement lamp (1 piece)
23.5 x 8.5 cm / 9.3 x 3.3 in.		50 x 21 cm / 19.7 x 8.3 in.	50 x 21 cm / 19.7 x 8.3 in.		64 x 21 cm / 25.2 x 8.3 in.		Light emitting area
–	●	–	●	●	●	●	High-frequency operation
–	–	–	–	●	–	●	Dimmable
–	–	●	●	●	●	●	Lights can be switched individually ①
–	–	●	●	●	●	●	Diffusion screen ⑦
–	–	–	●	●	●	●	Pivot bracket with mount for stands ⑨
Steel tube with square cross section, 16 mm / 0.6 in. or 20 mm / 0.8 in. (with 5280, 5281) edge dimension. Mounted in designated fixtures on copylizer base plate.							**Lamp arms**
●	●	●	●	●	●	●	Tilt/angle adjustable by lock joint ⑧
●	●	●	●	●	●	●	Height contin. adjustable
–	–	–	●	●	●	●	Light can be shifted
●	●	●	●	●	●	●	Light can be swiveled
5205	5206	5211	5232/5212	5232/5212	5232/5212	5232/5212	Suitable for copylizer model
0-90°		0-90°	0-90°		0-90°		α
–	–	–	47 cm / 18.5 in.		66 cm / 26 in.		a
38.5 cm / 15.2 in.		56 cm / 22 in.	51-60 cm / 20.1-23.6 in.		64-82 cm / 25.2-32.3 in.		b
50 cm /19.7 in.		74 cm / 29 in.	74 cm / 29 in.		76 cm / 30 in.		c

Accessories + Components

	For **eVision** exe.cutive Copylizer	For **eVision** ini.tial Copylizer
	Pressure Plate 5292 Made of high-quality crystal glass, for "wavy" originals and as a protection for the acrylic glass plate. Can be fitted to the hinge of the illumina base plate and is easily lifted. With adjustable stop guides.	
	Metal Plate as a protective cover of the acrylic glass plate, when no transmitted light is required. Can be fitted to the hinge of the illumina base plate and can easily be lifted. Four round magnets for holding the original. With printed grid for positioning. Adjustable stop guides. **5294**	**5298**
	The **Illumina Base Plates** can be equipped with the columns and camera arms from the Kaiser R1 system (see p. 11). Side lighting units can be attached, connected and operated. Includes socket and height-adjustable feet. Illuminated area 43 x 35 cm / 16.9 x 13.8 in. **5241***: without HF, **5242**: with HF, **5262**: with HF, dimmable	
	Replacement lamp(s) For copylizers and illumina base plates exe.cutive. 5400 Kelvin, 13w. **2136:** 1 piece **2477:** 4 pieces	**Replacement lamp(s)** For copylizers ini.tial. 5400 Kelvin, 8w. **2146:** 1 piece **2475:** 4 pieces

* not available in 120 V

	For **Lighting Units** RB 2.36, RB 4.36 HF, RB 4.55 HF	For **Lighting Units** RB 2.18
		Clamping Base 5256 To attach side lighting units RB 2.18 to boards of up to 48 mm/1.9 in. thick. 2 pieces.
	Replacement Lamp 5567 For RB 2.36 and RB 4.36 HF. 5400 Kelvin, 36w. 1 piece. **Replacement Lamp 3454** For RB 4.55 HF. 5400 Kelvin, 55w. 1 piece.	**Replacement Lamp 5458** For RB 2.18. 5400 Kelvin, 18w. 1 piece.

Kaiser
rePRO

The System for Highest Professional Requirements

When you need a maximum in stability, solidity and load capacity, the Kaiser rePRO system is the right choice.

This system is not only at home in photo and video studios, but also in technology and science, education, research and media production. Because of its extremely high level of stability the rePRO system is especially suitable to capture large format reflective or transparent original with digital cameras in line scanning, micro scanning or multi shot mode.

The modular-designed stand includes a table with fixed working height and a column that is mounted in a rigid base. The table will also carry the lighting units, which are optional items. According to the job, the table can be equipped with a large base plate for reflective originals or with a trans-illuminator for transparent originals.

Height adjustment of camera level is motorized and works individually along the entire column via remote control.

The camera platform can travel at two speeds, independent of the supported load.

For precise positioning of the optical axis of the camera the camera carrier can be shifted horizontally and, in addition, can be tilted by +/- 90 degrees.

The column, made of a multi-section special tube is mounted in a firmly attached die-cast base and is extremely sturdy and vibration-resistant.

For reflective originals a capable lighting unit is available.

This professional work station – equipped with a suitable camera system of your choice – offers optimum conditions for sophisticated image capturing tasks.
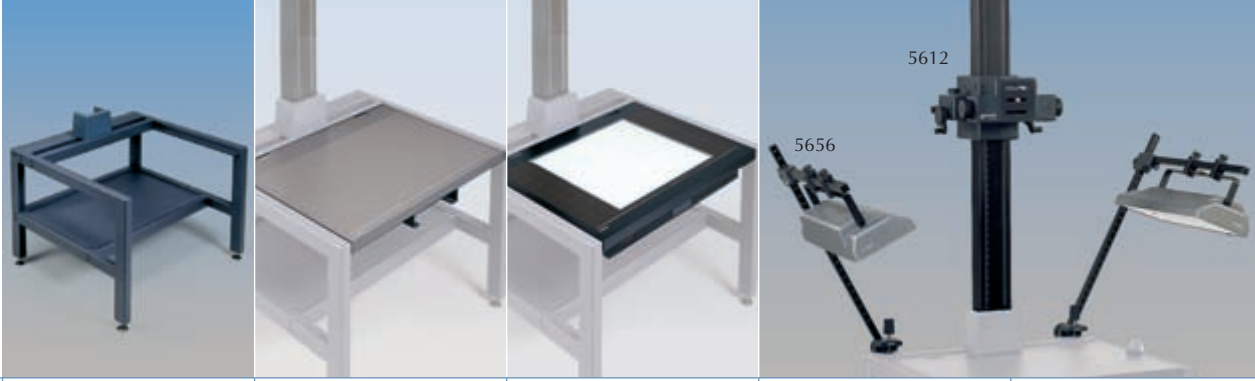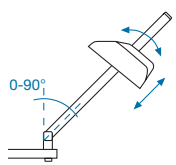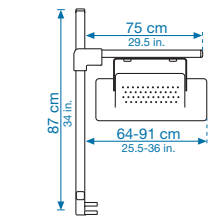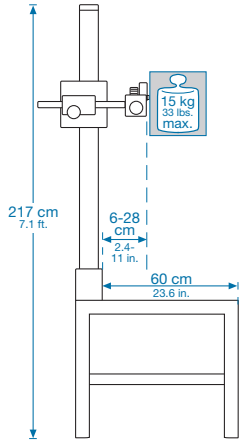
Accessories + Components

5612

5656

	Table Frame 5615	Base Board 5616	Trans-Illuminator 5617	Column 5612	Lighting Unit RB 5056 HF 5656

217 cm 7.1 ft.

6-28 cm 2.4-11 in.

60 cm 23.6 in.

15 kg 33 lbs. max.

75 cm 29.5 in.

87 cm 34 in.

64-91 cm 25.5-36 in.

0-90°

Table Frame 5615	Base Board 5616	Trans-Illuminator 5617	Column 5612	Lighting Unit RB 5056 HF 5656
Height without base (WxHxD): 88 x 66 x 78 cm / 34.6 x 26 x 30.7 in.	To be inserted in the table frame 5615.	To be inserted in the table frame 5615.	Height: 1.5 m / 4.9 ft.	Light banks with 64 x 21 cm / 25.2 x 8.3 in. light emitting area
Required floor space (WxD): 88 x 104 cm / 34.6 x 41 in.	Dimensions (WxD): 80 x 60 cm / 31.5 x 23.6 in.	Working area (cm/in.): 80 x 60 / 31.5 x 23.6	Cross-section (WxD): 12 x 8 cm / 4.7 x 3.1 in.	High-gloss inside reflector
Steel tube construction, demountable	Thickness: 38 mm / 1.5 in.	Illuminated area:(cm/in.): 48 x 43 / 18.9 x 16.9	Material: black anodized aluminum	Lamps: each bank with 2 x 55w daylight fluorescent lamps
Base for column made from die-cast aluminum, with integrated spirit level	Specification: High-compressed wooden material, all-side plastic-laminated, printed grid and cm/inch scales	Glass plate	Printed cm/inch scales	Color temperature 5,400 K, CRI = 90-100
Feet can be height-adjusted individually	Includes slide-in carrier for control box of optional lighting unit	Lamps: 4 x 55w Compact fluorescent lamps	**Camera carrier**	High-frequency operation, 40 kHz
Stacking tray: 79.5 x 49 cm/ 31.3 x 19.3 in.		Color temperature: 5400 K, CRI = 90-100	Max. load: approx. 15 kg / 33 lbs.	Separate control box
		Average service life: 8,000 hours	Height adjustment: motorized, two speeds	Lights can be tilted and shifted
		Fan cooling, no thermal load on originals.	Adjustment speed: constant, independent of load	Horizontal lamp arms can be adjusted continuously in height
		Luminance: 6,700 cd/m^2	Drive: via worm-gear, self-limiting for precise height position	Vertical lamp arms with height markings, tiltable with detents.
		Uniformity: 85%	Operation: cable remote control	25 mm / 1 in. edge dimension
		High-frequency operation	End switch: automatic, by photo sensor	Mount with strong die-cast clamp bases, clamp width: 15 to 55 mm / 0.6 to 2.1 in.
		Replacement lamp(s): 2414 (1 piece) 2487 (4 pieces)	Horizontal adjustment: parallel guides with friction drive, hand cranks and locking screws on left and right side	Replacement lamp: 3454 (1 piece)
			Build-in spirit level	
			Camera mounting plate	
			Tiltable +/- 90°	
			Size:13 x 13 cm / 5.1 x 5.1 in.	
			Mounting thread: $1/4$" / $3/8$" exchangeable, horizontally adjustable	

5614 Wall Mount	**5627 Close-Up-Adapter**	**4421 rePRO-Adapter**	**5593 Diffusion Screens**	**5592 Filter Holder**
For 5612 column.	Bracket to reduce the minimum camera-to-baseboard distance. Mounts on the camera carrier.	For use of R1 system camera arms.	Slides in filter holder 5592. 2 pieces.	Guide rails for attaching to the light banks of RB 5056 HF. 2 pairs.
Lower part with base, spirit level and compartment for power supply.			**5594 Polarizers**	
Top section adjustable for vertical column positioning.			Slides in filter holder 5592. 2 pieces.	
Distance wall – column: approx. 35 cm / 13.8 in.				
Distance wall – camera mounting plate: approx. 51-73 cm/20.1-28.7 in.				

5593

5592

5594

Kaiser R1

The Universal, Sophisticated, Flexible, Versatile, Multi-functional, Adaptable, Modular System

- For professional users and dedicated photographers.
- High stability, angular precision and quality workmanship
- Ideal for use with camera systems up to 4 kg/8.8 lbs. total weight.
- Vast range of components and accessories.
- Units can be adapted to individual requirements.
- Base boards of various sizes, columns of different height, camera arms with a variety of adjustment options.
- Lighting units with various lamps and reflectors, working at different power levels, with various mounting and adjustment options.
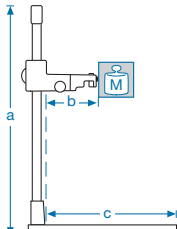
This system – optimized for adaptability – is completely modularized and therefore allows also customized configurations.

Kaiser
R1 System

Stands

	RSX	RS 10	RS 1	RS 1	RS 1 microdrive
Code number	**5512**	**5513**	**5510**	**5511**	**5507**

STAND		Consists of baseboard with column and camera arm.			
Baseboard		Matt gray, printed fine grid, cm and inch scales ②.			
Outside dimensions (cm/in.)	60 x 50 / 23.6 x 19.7	60 x 50 / 23.6 x 19.7	45 x 50 / 17.7 x 19.7	45 x 50 / 17.7 x 19.7	45 x 50 / 17.7 x 19.7
Thickness (mm/in.)	32 / 1.3	32 / 1.3	28 / 1.1	28 / 1.1	28 / 1.1
Base with spirit level ④	●	●	●	●	●
Height-adjustable feet	●	●	●	●	●
Column		Matt black anodized aluminum section tube, 70 mm/2.8" wide, cm and inch scales, hand crank for height adjustment.			
Height (cm/in.)	120 / 47.2	100 / 39.4	100 / 39.4	100 / 39.4	100 / 39.4
Height adjustment with friction drive	–	–	●	●	–
Rack-and-pinion height adjustment	●	●	–	–	●
Counterbalanced	●	●	●	●	●
Fine drive	–	–	–	–	●
Camera arm		Interchangeable			
Type (see page 11)	RTX ①	RTP	RA 1	RT 1	RA 1
Adjustability	horizontal, tiltable	horizontal	–	horizontal	–
Camera mount	$^3/_8$" / $^1/_4$", changeable	$^3/_8$" / $^1/_4$", changeable	$^3/_8$" / $^1/_4$", changeable	$^3/_8$" / $^1/_4$", changeable	$^3/_8$" / $^1/_4$", changeable
Camera positioning device ③	–	●	●	–	●
Locking knob	●	●	–	–	–
Camera positions	front/rear	front	front	rear vertical/horizontal	front
a	125.5 cm / 49.4 in.	105.5 cm / 41.5 in.	105 cm / 41.3 in.	105 cm / 41.3 in.	105 cm / 41.3 in.
b	18-31cm / 7.1-12.2in.	15.5-23.8cm /6.1-9.4in.	18.5 cm / 7.3 in.	23-31.8cm /9.1-12.5 in.	18.7 / 7.4 in.
c	60x43cm /23.6x16.9in.	60x43cm /23.6x16.9in.	45x43cm /17.7x16.9in.	45x43cm /17.7x16.9in.	45x43cm /17.7x16.9in.
M	3.5 kg / 7.7 lbs. max.	4 kg / 8.8 lbs. max.	4 kg / 8.8 lbs. max.	3 kg / 6.6 lbs. max.	4 kg / 8.8 lbs. max.

① ② ③ ④

4409   4408   4478   4475   4476   4474   4473

5522   5539   5524
5520   5540   5521   5523

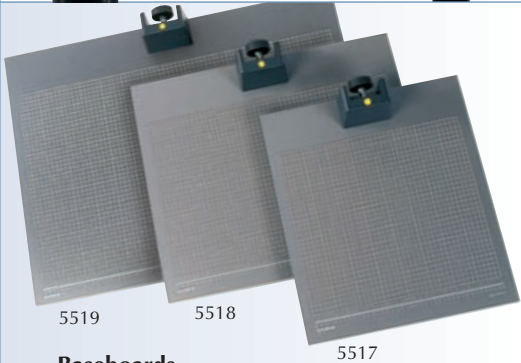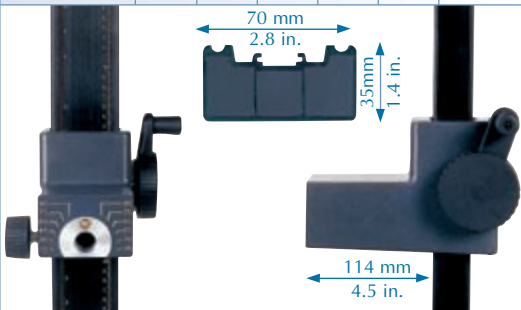## Columns

Matt black anodized aluminum section tube, cm and inch scales, height-adjustable holding arm (4478 equipped with 2 holding arms) with hand crank, pivotal mount for camera arms.

	Hight	Friction	Rack-and-pinion	Counterbalanced * on upper holding arm	Blocking screw	Fine drive
4409	1.5 m 4.9 ft.	●	–	●	●	–
4408	1.2 m 3.9 ft.	–	●	●	●	–
4478	1m 3.3 ft.	–	●	●*	●	1:10
4475	1m 3.3 ft.	–	●	●	●	1:10
4476	1m 3.3 ft.	–	●	●	●	–
4474	1m 3.3 ft.	●	–	●	–	–
4473	1m 3.3 ft.	●	–	–	–	–

70 mm / 2.8 in.
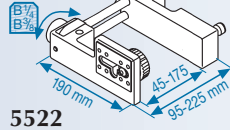35mm / 1.4 in.
114 mm / 4.5 in.

Baseboards

5519   5518   5517

Matt gray, fine grid, cm/inch scale, individually height-adjustable feet, base made of die-cast aluminum, with spirit level.
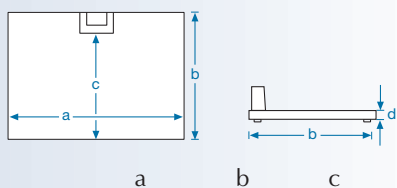
	a	b	c	d
5519	80 cm 31.5 in.	60 cm 23.6 in.	53 cm 20.9 in.	32 mm 1.3 in.
5518	60 cm 23.6 in.	50 cm 19.7 in.	43 cm 16.9 in.	32 mm 1.3 in.
5517	45 cm 17.7 in.	50 cm 19.7 in.	43 cm 16.9 in.	28 mm 1.1 in.

Camera Arms

RTX
B¼ B⅜
190 mm   45-175   95-225 mm
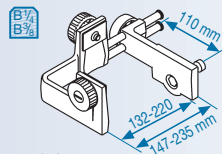**5522**
- Horizontally adjustable via parallel guides with fine drive
- Mounting plate turns +/- 90°
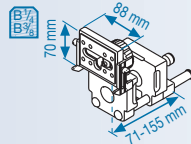- Spirit level
- Camera mounts on front/rear

RT 1
B¼ B⅜
110 mm   132-220   147-235 mm
5521
- Horizontally adjustable via parallel guides
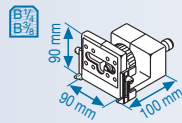- Two mounting positions for horizontal and vertical format
- Arm tiltable

RTP
B¼ B⅜
88 mm   70 mm   71-155 mm
5524
- Horizontally adjustable via parallel guides
- Camera positioning device

RA 1
B¼ B⅜
90 mm   90 mm   100 mm
5520
- Camera positioning device
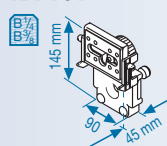
RA 101
B¼ B⅜
145 mm   90   45 mm
5523
- For camera with greater distance between tripod mount and optical axis
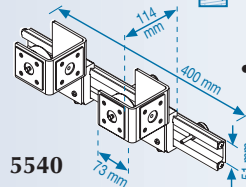- Camera positioning device
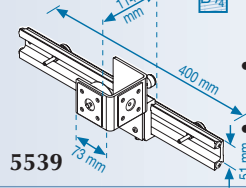
RLR
B¼
114 mm   400 mm   73 mm   51 mm
5539
- Camera platform can be shifted horizontally to left or right
- Adjustable stops for end position
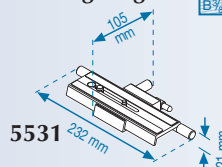- Camera can be mounted for horiz. or vertical formats

2CC   2 x B¼
114 mm   400 mm   73 mm   51 mm
5540
- Two camera platforms can be shifted horizontally to left or right
- For carrying two cameras simultaneously, e.g. for comparison shots

Focusing Stage
B¼ B⅜
105 mm   232 mm   21 mm
5531
- Fine drive with spindle
- Rapid adjustment with single lever lock
- Setting range 120 mm / 4.7 in.
- Locking screw

Wall Mount 4412

For R1 system columns. Top section adjustable for vertical position. Lower part with base and spirit level. Distance between wall and holding arm front (no camera arm attached): approx. 25 cm / 9.8 in.

Table Frame 5508

For all stands/baseboards of the R1 system. Height-adjustable feet. Slide-in compartment for control box for lighting units.

WxHxD:
58 x 51 x 60 cm
22.8 x 20.1 x 23.6 in.

Extraneous Light Protector 5549

For R1 and Copylizer systems. Light-tight tent made of black, teflon-coated fabric. Front zipper. Holding support 85 x 80 cm / 33.5 x 31.5 in. fits on 1 m / 39.4 in. and 1.2 m / 47.2 in. columns.
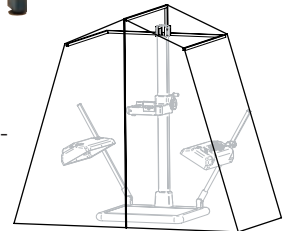
Base 4427

Can be mounted to table boards or work plates to attach R1 system column.

Extension Arm 4455

Extends the holding arm of the column by 8 cm /3.1 in.

Kaiser R1 System

Lights

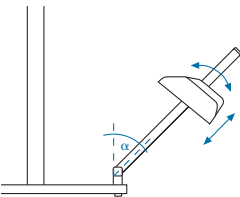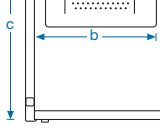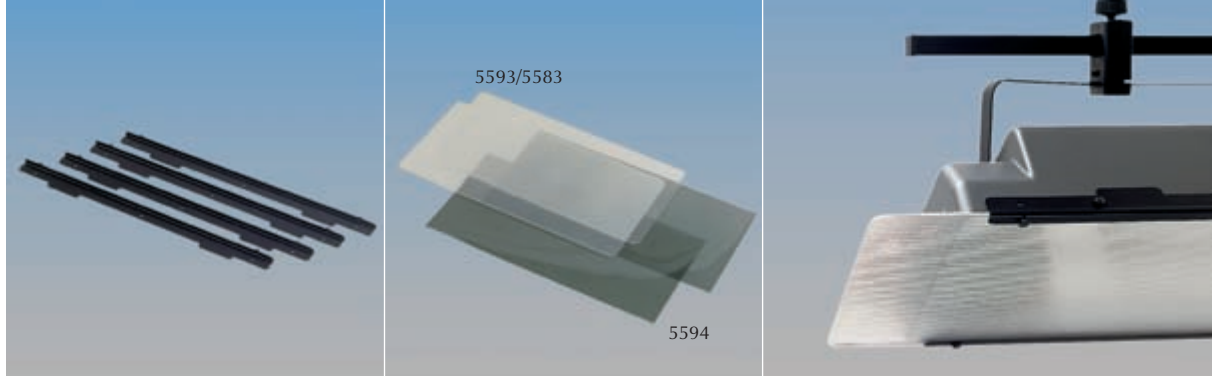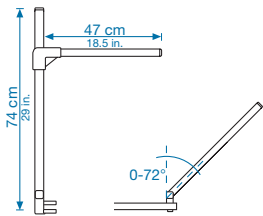|	RB 5055 HF		RB 5004 HF		RB 5004	RB 5000 DL
Code number	5590	5589	5558	5588	5557	5556
LIGHTING UNIT	Consisting of two lights and lamp arms.					
Lights	Light banks for even and soft illumination.					
Lamp type	Compact fluorescent lamps, daylight-type, color rendition index (CRI) 90-100.					
Color temperature	5400 Kelvin		5400 Kelvin		5400 Kelvin	5400 Kelvin
Lamp equipment	4 x 55w		4 x 36w		4 x 36w	2 x 36w
Replacement lamp	3454		5567		5567	5567
Light emitting area	64 x 21 cm / 25.2 x 8.3 in.		50 x 21 cm / 19.7 x 8.3 in.		50 x 21 cm / 19.7 x 8.3 in.	50 x 21 cm / 19.7 x 8.3 in.
High-frequency operation	●		●		–	–
Dimmable	–	●	–	●	–	–
High-gloss inside reflector ①	●		●		–	–
Pivot bracket with mount for tripods	●		●		●	–
Separate control box ③	●		●		●	–
Lamp arms	Steel tube with square cross section, fastening with clamp holders ④ to boards up to 48 mm / 1.9 in. thick. Vertical arms with scales ⑥ .					
Tilt/angle adjustable by lock joint ④	●		●		●	●
Height continuously adjustable	●		●		●	●
Light can be shifted ⑧	●		●		●	–
Light can be swiveled	●		●		●	●
Edge dimension	20 mm / 0.8 in.		16 mm / 0.6 in.		16 mm / 0.6 in.	16 mm / 0.6 in.
α	0-72°		0-72°		0-72°	0-72°
a	66 cm / 26 in.		47 cm / 18.5 in.		47 cm / 18.5 in.	–
b	64 - 82 cm / 25.2 - 32.3 in.		51 - 60 cm / 20.1 - 23.6 in.		51 - 60 cm / 20.1 - 23.6 in.	56 cm / 22 in.
c	76 cm / 30 in.		74 cm / 29 in.		74 cm / 29 in.	74 cm / 29 in.

①   ②   ③   ④

Lights

RB 5003 UV		RB 300	RB 104	
5591	**5595**	**5552**	**5554**	**Code number**
Consists of two or four (RB 104) lights and lamp arms.				**LIGHTING UNIT**
Light banks ⑤		Safety lights ⑦, convection-cooled	Round reflectors	**Lights**
UV-A		Halogen	Photoflood lamps E27*	Lamp type
366 nm wave length		3200 Kelvin	3000 - 3400 Kelvin	Color temperature
6 x 18w		2 x 300w	4 x 250w max.	Lamp equipment
5569		3038	–	Replacement lamp
64 x 21 cm / 25.2 x 8.3 in.		ø 7 cm / 2.8 in.	ø 13.8 cm / 5.4 in.	Light emitting area
–	●	–	–	High-frequency operation
–		–	–	Dimmable
–		–	–	High-gloss inside reflector ①
●		–	–	Pivot bracket with mount for tripods
●		–	–	Separate control box ③
				Lamp arms
Steel tube with square cross section, fastening with clamp holders ④ to boards up to 48 mm / 1.9 in. thick. Vertical arms with scales ⑥ .				
●		●	●	Tilt/angle adjustable by lock joint ④
●		●	●	Height continuously adjustable
●		●	●	Light can be shifted ⑧
●		●	●	Light can be swiveled
20 mm / 0.8 in.		16 mm / 0.6 in.	16 mm / 0.6 in.	Edge dimension
0-72°		0-72°	0-72°	α
66 cm / 26 in.		47 cm / 18.5 in.	47 cm / 18.5 in.	a
64 - 82 cm / 25.2 - 32.3 in.		42 cm /16.5 in.	29.5 cm / 11.6 in.	b
76 cm / 30 in.		74 cm / 29 in.	74 cm / 29 in.	c

* not included, for suitable lamps see page 19

Components + Accessories

5593/5583

5594

	Filter Holders		Polarizers	Diffusion Screens	
Code number	**5592**	**5582**	**5594**	**5593**	**5583**
For use with	5590/5591	5558/5557/5556	5590/5591/5558/5557/5556	5590/5591	5558/5557/5556
Length/Size	60 cm / 23.6 in.	46 cm / 18.1 in.	64 x 21.5 cm / 25.2 x 8.5 in. (can be cut)	64 x 21.5 cm / 25.2 x 8.5 in.	50 x 21.5 cm 19.7 x 8.5 in.
Desciption		Guide rails of filter holder are attached to reflector using provided holes, then polarizer or diffusion screen can be inserted.			
Scope of supply	2 pairs	2 pairs	2 pieces	2 pieces	2 pieces

47 cm
18.5 in.

74 cm
29 in.

0-72°

	Lamp Arms	RB 3 Light Fixtures	GNT Lamp Fittings	RL 100 Vario Lights
Code number	**5560**	**5563**	**5564**	**5568***

Lamp Arms — 5560

Adjustable in height and angle.

Clamp attachment on boards up to 48 mm / 1.9 in.

Edge dimension: 16 mm / 0.6 in.

Complete set for both sides.

2 pieces.

RB 3 Light Fixtures — 5563

For use with 5560. 2 pieces. E27 socket.

Tiltable and pivotable.

Lamp equipment 2 x 250w max.

Lamps not included. For suitable reflector lamps see page 19.

2 x 2 m / 6.5 ft. cord with cord switch.

GNT Lamp Fittings — 5564

For use with 5560. 2 pieces. E27 socket.

With goose-neck lamp rods, each 36 cm / 14.2 in. long.

Lamp equipment 2 x 250w max.

Lamps not included. For suitable reflector lamps see page 19.

2 x 2 m / 6.5 ft. cord with cord switch.

RL 100 Vario Lights — 5568*

For use with 5560. 2 pieces.

Focusable halogen lights, individually dimmable down to approx. 20%.

With goose-neck lamp rods, each 40 cm / 15.7 in. long.

Lamps: 2 x 100w, 12 V, 3200 K, replacement lamp: 3054

Cord: 2 x 4 m / 13 ft.

Supplied with two separate dimmers with integrated transformer.

Flash/Light Fixture			Conversion Filter
5571			**93324**

Flash/Light Fixture — 5571

For fastening flashguns or lights with accessory foot or $1/4$" mounting thread.

1 piece.

Conversion Filter — 93324

Safety front attachment with conversion filter and barn doors. For one RL 100 Vario light.

* not available in 120/240 V

Kaiser

R2

Compact, Flexible, Stable

Camera stands and lighting units of the R2 family are lighter versions of the R1 system. Designed for light-weight cameras, their dimensions and stability is ideal for copy work.
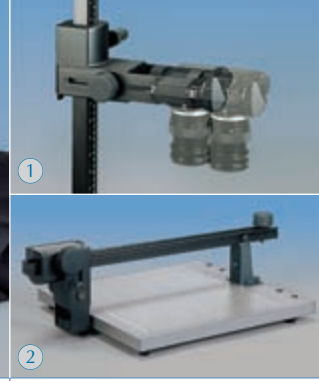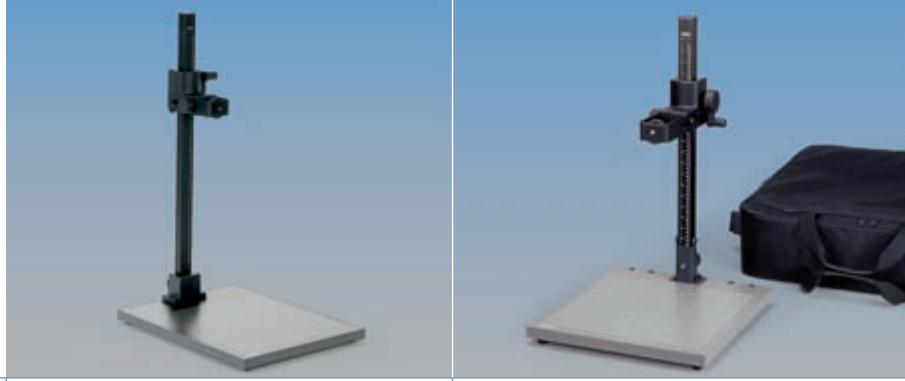
These stands are not only for the majority of digital cameras, compacts and smaller SLRs, but are also suitable for industrial CCD and CMOS cameras.

There is also a range of suitable lighting units: from high-frequency fluorescents to basic tungsten lamp lighting.

Kaiser
R2 System

Stands

	RS 2 XA	RS 2 CP
Code number	**5411**	**5301**
Baseboard	Matt gray, printed fine grid, cm and inch scale, 25 mm / 1 in. thick.	
Dimensions	40 x 50 cm / 15.7 x 19.7 in.	40 x 42 cm / 15.7 x 16.5 in.
Base	Aluminium die-cast	Steel panel
Column	Matt black anodized aluminum section tube, 35 mm / 1.4 in. wide, cm and inch scales, hand crank for height adjustment.	
Height	76 cm / 29.9 in.	60 cm / 23.6 in.
Foldable ②	–	●
Camera arm	Horizontally adjustable ①, setting range 7 cm / 2.8 in., connecting thread 1/4".	
Scope of supply	Camera stand	Camera stand, carrying case
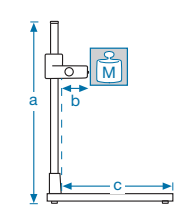
	5411	5301
a	79.5cm/31.3in.	64cm/25.2in.
b	12.5-19.5cm/ 4.9-7.7in.	12.5-19.5cm/ 4.9-7.7in.
c	44.5cm/17.5in.	37cm/14.6in.
M	1.5kg/3.3lbs.	1.5kg/3.3lbs.

Lights

	RB 218 HF	RB 218	RB 260 digital	RB 2	R 2 CP Image Capturing Set
Code number	**5454**	**5453**	**5462***	**5450**	**5303***
LIGHTING UNIT	Consists of lights and lamp arms.				
Lights	2 light banks with internal reflector			4 reflectors	
Lamp type	Compact fluorescent lamps			for opal lamps**	
Lamps	2 x 18w		2 x 11w	4 x 150w max.	
Color temperature	5400 Kelvin		6000 Kelvin	3000 Kelvin	
Replacement lamp	5458		5460	–	
High-frequency operation	●	–	–	–	
Lamp Arms	Steel tube with square cross section, edge dimension 16 mm / 0.6 in.				
Attachment	With clamp holders on boards up to 48 mm / 1.9 in. thick.				
Tilt/angle adjustable	●		●	●	
Height continuously adjustable	●		●	●	
Light can be shifted	–		–	●	
Light can be swiveled	●		●	●	

R 2 CP Image Capturing Set

Comprises RS 2 CP camera stand (5301) and RB 260 digital lighting unit (5462).

5301 and 5303 in strong carrying case (62 x 58 x 21 cm / 24.4 x 22.8 x 8.3 in.) with handle and shoulder strap.

* not available in 120 V
** not included, for suitable lamps see page 19
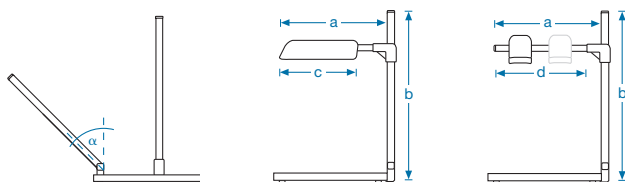
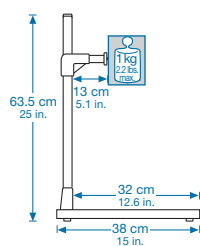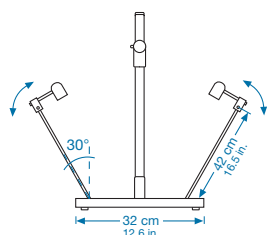|	5454/5453	5462/5303	5450
α	0-72°	0-72°	0-72°
a (cm/in.)	38.5/15.2	39.5/15.6	47/18.5
b (cm/in.)	50/19.7	50/19.7	50/19.7
c (cm/in.)	34.5/13.6	30.5/12	–
d (cm/in.)	–	–	35/13.8

Kaiser "reprokid"

– the Desktop Stand

"reprokid" is a small, light-weight, compact stand for small, light-weight, compact cameras.
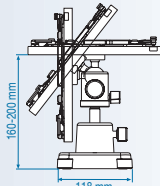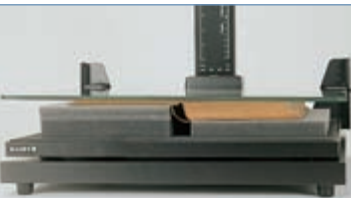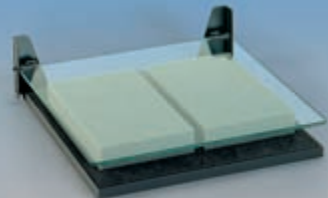
It takes only 35 x 40 cm / 14 x 16 in. space on your desk and provides secure support for CCD cameras, digital cameras and light-weight SLRs.
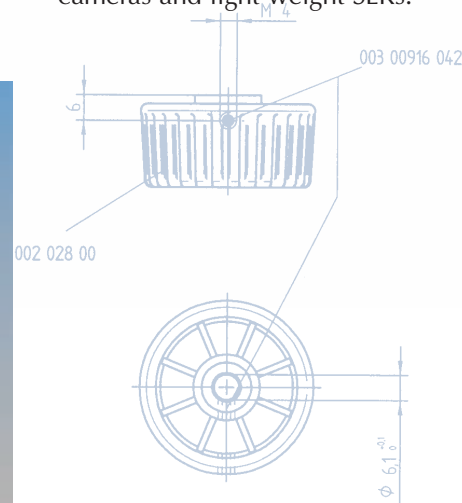
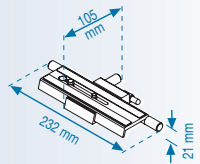| 5360	5361	Code number
Camera stand with lighting unit	Camera stand	Scope of supply
Matt gray, 32 x 38 cm / 12.6 x 15 in., 19 mm / 0.75 in. thick		Baseboard
59 cm / 23.2 in. high, with cm and inch scales		Column
Height-adjustable, with locking knob, 1/4" connecting thread		Camera arm
Round rods, with two tiltable E27 lamp sockets	–	Lighting Unit
Photofloods, 2 x 250w max. (not included). For suitable reflector lamps see page 19.	–	Lamps
120/230/240 V	–	Available in

Kaiser

Accessories

5990

2395

Copy Plate 5901	Document Stage 5903	Adjusting Device 5990
• For positioning and fixing flat originals • Metal plate with non-slip bottom • Matt gray surface with 18 % reflection • Printed grid lines and scales • Four subject holders made of permanently magnetized section plastic • Size of printed grid area: 46 x 34 cm / 18.1 x 13.4 in. • Total size 50 x 38 cm / 19.7 x 15 in., height: 10 mm / 0.4 in. • Wall mounting is possible	• Suitable for documents and originals up to 210 x 148 mm (8.3 x 5.8 in.) • Two adjustable stop rails • Four fixing clamps can be used in various positions • Platform on ball head can be swivelled and tilted in all directions and pivots to 90° • Height adjustment up to 40 mm/1.5 in. • Spirit levels in platform and base • Four individually adjustable feet • Dimensions (WxHxD): 265 x 173 (213) x 210 mm / 10.4 x 6.8 (8.4) x 8.3 in.	• For precise alignment of the camera • Lens attachment with centered light diode • Adjustment by help of the reflected image of light diode • Also for screen photography

D.C. Voltage Mains Adapter 2395

• For residual ripple suppression (< 1%)
• Required for certain high-sensitive digital camera systems
• Only for high-frequency light sources
• Maximum load: 400w
• Available in 230/240 V

160-200 mm
118 mm

Book Holder 5904	Reflection Shield 5907-08	Focusing Stage 5531
• Basic holding device for opened books of various heights • Base plate with non-slip bottom • Folding glass pressure plate • Hinges variable in height up to 95 mm / 3.7 in. depending on height of book • Eight preformed foam blocks for height compensation • Size of base plate: 43 x 41 cm / 16.9 x 16.1 in. • Total dimensions (WxHxD): 47 x 13 x 45 cm / 18.5 x 5.1 x 17.7 in.	• Prevents reflection of camera from reflecting surfaces • Mounts with filter adapter ring in front of the lens • 5907: for lenses with 62, 58 and 55 mm filter thread • 5908: for lenses with 55, 52 and 49 mm filter thread	• Fine drive with spindle • Locking screw • Rapid adjustment with single lever lock • Setting range 120 mm / 4.7 in. • Millimeter scale • Large camera platform with non-slip surface • Interchangeable mounting thread $1/4$" / $3/8$" • Tripod thread $1/4$" and $3/8$" • Extremely flat design • Black anodized aluminium • Two focusing stages 5531 can be combined for crossed stages

105 mm
232 mm
21 mm

CAMERA STANDS

Type	Code number	Height of column cm/in.	Baseboard dimensions/ illuminated area (i.a.) cm/in.	Width of original[1] at focal length[2] of 50mm cm/in.	100mm cm/in.	Suitable lighting units	
Copylizer exe.cutive	5232 5212 5211	100 / 39.4 100 / 39.4 100 / 39.4	i.a. 43x35 / 16.9x13.8 i.a. 43x35 / 16.9x13.8 i.a. 43x35 / 16.9x13.8	53 / 20.9 53 / 20.9 53 / 20.9	27 / 10.6 27 / 10.6 27 / 10.6	5276/5277/5280/5281 5276/5277/5280/5281 5270	**Copylizer**
Copylizer ini.tial	5206 5205	67 / 26.4 67 / 26.4	i.a. 20x18 / 7.9x7.1 i.a. 20x18 / 7.9x7.1	35 / 13.8 35 / 13.8	17 / 6.7 17 / 6.7	5266 5265	
RSP rePRO	5612 with 5615 and 5616/5617	150 / 59.1 66 / 26	80x60 / 31.5x23.6 i.a. 48x43 / 18.9x16.9	88 / 34.6	44 / 17.3	5656	**rePRO**
RSX **RS 10** **RS 1** **RS 1** **RS 1 microdrive**	5512 5513 5510 5511 5507	120 / 47.2 100 / 39.4 100 / 39.4 100 / 39.4 100 / 39.4	60x50 / 23.6x19.7 60x50 / 23.6x19.7 45x50 / 17.7x19.7 45x50 / 17.7x19.7 45x50 / 17.7x19.7	66 / 26.0 53 / 20.9 53 / 20.9 53 / 20.9 53 / 20.9	33 / 13.0 27 / 10.6 27 / 10.6 27 / 10.6 27 / 10.6	5589/5590/5588/ 5558/5557/5556/ 5591/5595/5552/ 5554/5563[3]/5564[3]/ 5568[3]	**R1**
RS 2 XA **RS 2 CP**	5411 5301	76 / 29.9 60 / 23.6	40x50 / 15.7x19.7 40x42 / 15.7x16.5	38 / 15.0 29 / 11.4	19 / 7.5 15 / 5.9	5454/5453/5462/5450 5454/5453/5462/	**R2**
reprokid	5360/61	59 / 23.2	32x38 / 12.6x15.0	33 / 13	16 / 6.3	included with 5360	
Vertical Stand	4405/5503 4406/5703	63 / 24.8 100 / 39.4	32x42 / 12.6x16.5 40x50 / 15.7x19.7	34 / 13.4 53 / 20.9	17 / 6.7 27 / 10.6		

LIGHTING UNITS

Type	Code number	Power (watt)	Color temperature (Kelvin)	Illumination (lux)[4]	Time/ aperture[5]	Suitable camera stands	Replacement lamp code	
RB 4.55 HF	5280, 5281	4 x 55	5400	7500	1/30	5232, 5212	3454	**Copylizer**
RB 4.36 HF	5276, 5277	4 x 36	5400	4700	1/15	5232, 5212	5567	
RB 2.36	5270	2 x 36	5400	1500	1/8	5211	5567	
RB 2.18 HF	5266	2 x 18	5400	1160	1/4	5206	5458	
RB 2.18	5265	2 x 18	5400	1160	1/4	5205	5458	
RB 5056 HF	5656	4 x 55	5400	7900	1/30	5612 with 5615 and 5616/5617	3454	**rePRO**
RB 5055 HF	5589/5590	4 x 55	5400	7900	1/30	5512, 5513, 5510, 5511, 5507	3454	**R1**
RB 5004 HF	5558/5588	4 x 36	5400	4900	1/15		5567	
RB 5004	5557	4 x 36	5400	3100	1/15		5567	
RB 5000 DL	5556	2 x 36	5400	1600	1/8		5567	
RB 5003 UV	5591/5595	6 x 18	UV-A, 366 nm wave length				5569	
RB 300	5552	2 x 300	3200	9000	1/30		3038	
RB 104	5554	4 x 75	2900	2200	1/8		3131[6]	
		4 x 75	3000	2200	1/8		4356[6]	
		4 x 150	2900	4200	1/15		3137[6]	
		4 x 150	3000	4200	1/15		3124[6]	
		4 x 150	3200	10000	1/30		3128[6]	
		4 x 230	2900	7000	1/30		3138[6]	
		4 x 250	3000	20000	1/60		3130[6]	
RB 3[3]	5563	2 x 150	3200	5000	1/15		3128[6]	
GNT[3]	5564	2 x 150	3200	5400	1/15		3128[6]	
RL 100 Vario[3]	5568	2 x 100	3200	8600	1/30		3054	
RB 218 HF	5454	2 x 18	5400	1160	1/4	5301, 5411	5458	**R2**
RB 218	5453	2 x 18	5400	1160	1/4	5301, 5411	5458	
RB 260 digital	5462	2 x 11	6000	1650	1/8	5301, 5411	5460	
RB 2	5450	4 x 75	2900	3000	1/15	5411	3131[6]	
		4 x 75	3000	3000	1/15	5411	4356[6]	
		4 x 150	2900	6000	1/15	5411	3137[6]	
		4 x 150	3000	6000	1/15	5411	3124[6]	
R 2 CP	5303	2 x 11	6000	1650	1/8	included	5460	
reprokid	5360	2 x 150	3200	14000	1/60	included	3128[6]	

[1] at maximum height
[2] focal length is related to 35 mm format (24 x 36 mm)
[3] in connection with 5560 holding rods
[4] measured with highest possible eveness of illumination in consideration of the adjustability on the lamp arms to the subject surface: tabloid format, R2 system and reprokid: letter format
[5] approx. exposure time in seconds at f=8
[6] not included. 3128 is a reflector lamp, 3124, 3130, 4356 are lamps without reflector, 3131, 3137 and 3138 are halogen lamps (Ceram)

Kaiser Vertical Stand

Sturdy camera stand in modular design with metal base plate, column and camera arm:

Base plate made of dark grey coated steel with printed fine grid and 12 x 12 cm / 4.7 x 4.7 in. cut-out accepting either a metal plate or a glass plate for shooting with transmitted light. Receptacle for accessories with 16 mm / 0.6 in. standard spigot. Plate thickness 8 mm / 0.3 in. Height-adjustable feet.

Vibration-resistant column made of matt black anodized aluminium section tube with cm and inch scales. With holding arm and mount for camera arms. Height adjustment via hand crank by gear rack, weight-compensation by roller spring, 1:10 fine drive. Locking screw for fixing height adjustment. Cross section 70 x 35 mm / 2.8 x 1.4 in. Includes premounted base with spirit level.

RA 101 camera arm with device for adjusting the camera and interchangeable 1/4" / 3/8" mounting thread. Accepts also other R1 system camera arms.

5503 Metal base plate 32 x 42 cm / 12.6 x 16.5 in.
5703 Metal base plate 40 x 50 cm / 15.7 x 19.7 in.
4405 Column 63 cm / 24.8 in.
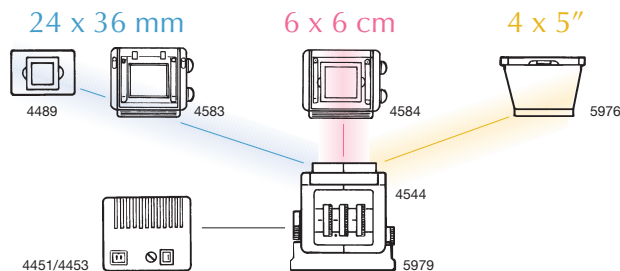4406 Column 100 cm / 39.4 in.
5523 RA 101 Camera arm
5040 Magic Arm

Slide Duplication and Recording

A range of useful components for precise positioning and even illumination when capturing slides and film negatives between 35 mm and 4 x 5", for example for duplication or digitalization.

24 x 36 mm   6 x 6 cm   4 x 5"

4489   4583   4584   5976

4451/4453   4544   5979

5975 Slide copying system, includes 4544, 5979, 4583, 4489, 5969, 4453

5979 Slide copying kit: Holder and cover for color head

4544 Color head: Light source with 100w halogen lamp, continuously adjustable YMC color filters, UV filter and density aperture. Required transformer: 4451/4453

4451 Transformer for 4544, electronic voltage stabilization

4453 Transformer for 4544, without electronic voltage stabilization

4583 Compound negative carrier

4489 Negative mask for mounted 35 mm slides

4584 Compound negative carrier for mounted medium format slides (7x7cm/2.8x2.8 in.)

5976 4 x 5" slide copying adapter

5974 Conversion filter

5969 Test slides

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