Copylizer and Surface Lighting Units with SMD LEDs

Copy One Flash and Continuous Lighting System

RSP autoDrive 1.5 Column with Positioning Control

Facts

Specs

Options

Made in Germany

Copylizer

exe.cutive LED Illumina Base Plate

Code number 5244

For use with Kaiser R1 system columns and camera arms. Description see right-hand side.

Copylizer exe.cutive LED

|	
Code number	5215
STAND	Consisting of illumina base plate with column and camera arm.
Illumina base	Integrated transmitted light source with daylight SMD LEDs, cm and inch scales, height-adjustable feet.
Outer dimensions	63 x 55 cm / 24.8 x 21.7 in.
Serviceable illuminated area	50.6 x 36 cm / 19.9 x 14.2 in. (> tabloid format)
Light source	270 SMD LEDs, 5600 Kelvin, CRI = 95
cd/m² on illuminated surface	8300
Flicker-free	●
Dimmable	●
Base with spirit level	●
Optional accessories	RB 520 AS surface lighting unit (5279), pressure plate, made of crystal glass (5292), metal plate (5294)
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.
Height	100 cm / 39.4 in.
Height adjustment with weight compensation	●
Camera arm	Type RTP (5524), detachable/interchangeable
Adjustability	horizontal
Camera mount	1/4" / 3/8", interchangeable
Camera positioning device	●
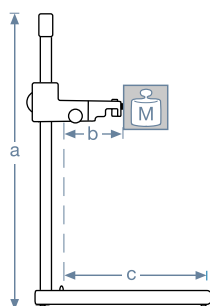
a	106 cm / 41.7 in.
b	13.5 - 21.8 cm / 5.3 - 8.6 in.
c	59 x 43 cm / 23.2 x 16.9 in.
M	4 kg / 8.8 lbs. max.

KAISER FOTOTECHNIK®

Kaiser

Surface Lighting

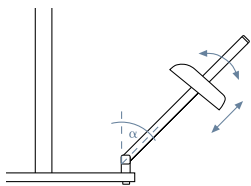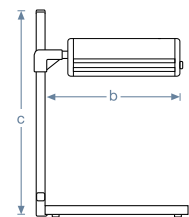|	RB 520 AS	RB 560 AL
Code number	5279	5640
LIGHTING UNIT	Consisting of two LED lights and lamp arms.	
■ Suitable for	Copylizer 5215 and illumina base plate 5244	R1 and RD system copy stands
Lights	Light banks for even and soft illumination. Solid aluminum section.	
■ Light source	SMD-LEDs ④ , daylight-type, color temperature 5600 Kelvin, color rendition index (CRI) = 95, angle of radiation 100°, flicker-free	
■ Number of SMD LEDs	2 x 200	2 x 272
■ Illumination* without diffusion screen with diffusion screen	5600 lux 5000 lux	8000 lux 6800 lux
■ Light emitting area	37 x 16.5 cm / 14.6 x 6.5 in.	56 x 16.5 cm / 22 x 6.5 in.
■ Lights dimmable individually or jointly	●	●
■ Illuminated display ②	●	●
■ Detachable diffusion screen	●	●
Lamp arms	Vertical bars: steel tube with square cross section, 20 mm / 0.8 in. edge dimension. With scale. Horizontal bars: round aluminum bar, 20 mm / 0.8 in. diameter. Tilt/angle adjustable by lock joint.	
■ Attachment	to Copylizer or illumina base plate ①	with clamp holders to boards up to 48 mm / 1.9 in. thick
■ Height continuously adjustable ③	●	●
■ Lights can be shifted ③	●	●
■ Lights can be swiveled ③	●	●
α	0 - 90°	0 - 72°
b	51.5 - 66 cm / 20.3 - 26 in.	68.5 - 83 cm / 27 - 32.7 in.
c	76 cm / 29.9 in.	76 cm / 29.9 in.

* Based on uniform illumination of a 16.5 x 11.5 in. flat subject.

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CopyOne Lamp Head**	**CopyOne Repro Kit****	
5671	5660	Code number

Combined flash/continuous light system with flash tube and SMD LEDs, both with daylight quality. A Hensel flash generator - e.g. Nova D 1200 (5662) is required for operation.

The high light intensity with flash light mode provides for short exposure times without camera shake and eliminates the impact of distracting light sources. The continuous light mode can be used for video and photo shots. Furthermore the SMD LEDs serve as a setting light with flash operation and are dimmed proportionally to the flash light.

Flash light mode	
Max. flash power:	1200 Ws
Setting range:	up to 8 f-stops, 1/10 steps (depending on generator)
Flash duration:	1/1000 s - 1/4500 s (depending on generator and flash power)
Color temperature:	5400 Kelvin
Color rendition index (CRI):	> 96

Available versions

5671 CopyOne Lamp Head, for mounting on a stand

5660 CopyOne Repro Kit: Two CopyOne Lamp Heads, incl. lamp arms (see right-hand side)

Accessories

5662 Hensel Nova D 1200 Flash Generator ⑧, with built-in radio receiver

5664 Hensel Strobe Wizard Plus Radio Transmitter ⑤, for 5662

5665 Barn Doors ⑥ for one CopyOne Lamp Head

5667 Hensel Adapter Cable, round plug to 20 pin long jack

5668 Hensel Flash Extension Cord with round plugs, 5 m (16.4 ft.) long

5594 Polarizers 64 x 21 cm, 2 pieces

** Jointly developed by Kaiser Fototechnik and Hensel-Visit.

		LIGHTING UNIT
Consisting of two CopyOne flash and continuous light lamp heads and lamp arms.		Suitable for
RD and rePRO system copy stands		
		Lamp heads
Light banks for even and soft illumination.		
2 x flash tube (specs see left-hand side) and 2 x 126 SMD LEDs, daylight, color temperature 5400 Kelvin, CRI = 95, angle of radiation 110°, flicker-free		Light sources
2000 lux		Illuminance of LEDs*
63.5 x 20.5 cm / 25 x 8.1 in.		Light emitting area
●		Lights jointly controllable/dimmable
●		Diffusion screen ⑥
●		Pivot bracket with mount for tripods ⑦
5 m / 16.4 ft., with round plug		Connecting cable
Hensel flash generator, such as Nova D 1200 (accessory) ⑧		Power supply/control
		Lamp arms
Steel tube with square cross section, edge dimension 25 mm / 1 in. Fastening with clamp holders to boards up to 55 mm / 2.2 in. thick. Vertical arms with scale.		
●		Tilt/angle adjustable by lock joint
●		Height continuously adjustable
●		Lights can be shifted
●		Lights can be swiveled
0 - 90°		α
75 cm / 29.5 in.		a
64 - 91 cm / 25.2 - 35.8 in.		b
87 cm / 34.3 in.		c

* Based on uniform illumination of a 16.5 x 11.5 in. flat subject.
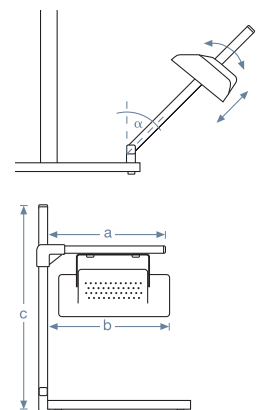
⑤ ⑥ ⑦ ⑧

RSP Column with Positioning Control

The well-proven RSP Column (5612) is now also available as RSP autoDrive 1.5 (5613) with positioning control. Four height positions can be saved easily via the new cable remote control and recalled accurately with one keystroke. The repeat accuracy is 1/100 millimeter. Alternatively there is the possibility of a computer-controlled operation.

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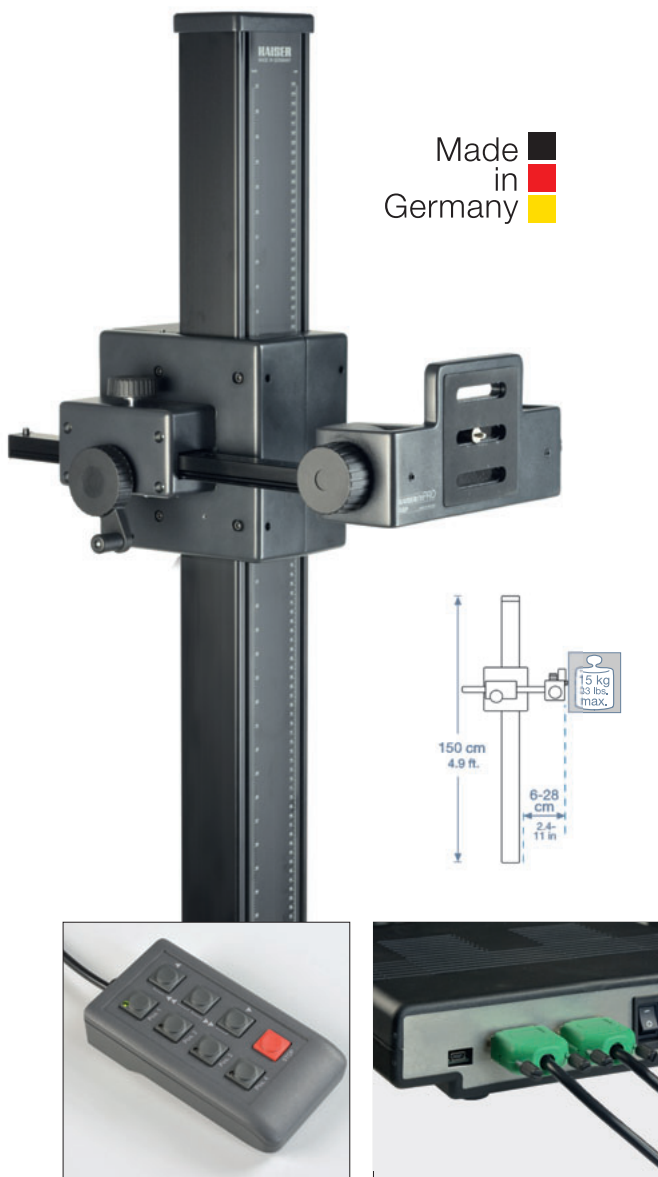
	RSP autoDrive 1.5
Code number	5613
COLUMN	Consists of column with camera carrier, cable remote control and control box
Product line	rePRO
Column	Multi chamber aluminum section, matt black anodized, printed cm and inch scales. Fastening on table frame 5615 or with wall mount 5614.
Height / Cross-section	1.50 m / 12 x 8 cm (WxD)
Camera carrier	Aluminum die-cast
Height adjustment	Motorized, two speeds. Automatic addressing of saved height positions is possible. Repeat accuracy 1/100 millimeter.
Adjustment speed	Constant, independent of load
Drive	Via worm-gear, self-limiting
Operation	Cable remote control or via computer (software in preparation)
End switch	Automatic, by magnetic sensor
Horizontal adjustment	Parallel guides with friction drive, hand cranks and locking screws on left and right side
Camera mounting plate	13 x 13 cm / 5.1 x 5.1 in., tiltable +/- 90°. Build-in spirit level. Mounting thread: 3/8" / 1/4", exchangeable, horizontally adjustable
Cable remote control	Slow and fast travel speed up and down, four keys for saving height positions, red emergency stop key
Control box	ON/OFF switch, interface for computer-controlled operation (software in preparation)

150 cm
4.9 ft.

15 kg
33 lbs.
max.

6-28 cm
2.4-11 in

WEEE-Rg.-Nr. DE 34742207

Subject to errors and technical changes. All specifications are approximate. Printed in Germany 09069.02.0918.2500