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The large manuals are split only for easy download size.

Hints and notes

1 Battery capacity

The battery pack contains special sintered-plate nickel-cadmium cells which stand up well to rapid charging and need virtually no maintenance. As with all rechargeable batteries, the useful capacity drops at low temperatures. After rapid charging, the battery yields power for up to 500 exposures at +20°C (68°F) up to 50 exposures at -10°C (14°F).

For maximum low-temperature capacity, charge the battery as fully as possible – a rapid charge followed by three hours of normal charging.

In extreme cold (below -10°C), carry the battery separately in a reasonably warm pocket and insert it only just before shooting. The external battery connector available as an optional accessory is particularly well-suited for this kind of work. In extreme cases (arctic photography, refrigerating chambers or cold laboratories), keep the camera warm or insulated, too.

2 Shutter release

The following means of shutter release are available: body release, cable release, RC-120 release cable and IR remote control. Any combination of these permanently active means may be used. Accidental exposure can be avoided by switching the camera off (shutter-speed dial on "off") or pushing up the magazine slide.

3 Flash

To use the full potential of OTF flash metering, special dedicated flash units are recommended for use with the Rolleiflex 6001 "professional". The Metz 45 CL 4 and 60 CT 4 can be used with a dedicated Metz C-70 adapter. The Rolleiflex dedicated flash adapter SCA 356, on the other hand, serves as an interface for the dedicated flash units of other manufacturers that are compatible with the SCA-300 system.

4 Remote control

Remote-control cables with lengths of 0.4 m, 5 m and 10 m (16 in., 16½ or 33 ft) are available as optional accessories. also permit remote mirror lockup.

Single and continuous exposures can be triggered from a distance of up to 60 m (200 ft) with an RC-03 IR remote-control set. A special circuit in the IR transmitter even allows a second Rolleiflex to be released in synchronism with a manually triggered camera.

Both the transmitter and the receiver are compact, light-weight units and very simple to use. The camera battery powers the receiver. Visual checks confirm transmission and reception and inform about shutter status during time exposures.

Wireless remote control opens up a wealth of attractive and previously inaccessible opportunities – from unobtrusive snapshots with a hidden camera to wildlife photography.

5 Time exposures

The B mode is available for time exposure. With the shutter-speed dial set to B, the shutter will open as the shutter button is pressed and close when it is released. A 1/4in. and a 3/4in. socket are provided for tripod mounting. A quick-release plate fitting the Rollei quick-release tripod coupling makes it very easy to change from hand-held to tripod-mounted photography and vice versa.

6 Macrophotography

Extension tubes and the bellows unit take you right into the realm of large-scale closeups. The tubes can be combined both with each other and with the bellows. Auto iris control is retained even then.

Extension tubes are available with lengths of 9, 17, 34 and 67 mm, all of them with double Rollei bayonet mount for a wide range of combinations. Total extension with the four rings is 128 mm. In conjunction with the extension of the prime lens, the range from 0 to 128 mm can thus be covered steplessly.

The zoom extension tube with its precision helical mount covers a continuous extension range from 22 to 68 mm and thus offers maximum ease of operation in closeup photography. It is primarily intended for use with Zeiss lenses from 40 to 250 mm and may also be combined with the reversing adapter.

The bellows unit covers a continuous extension range from 67 to 204 mm. With the reversing adapter, suitable lenses can be mounted in reverse. The bellows lens hood is a valuable accessory for this type of work which usually calls for sophisticated lighting techniques.

The aforementioned dedicated flash units, and foremost among them the Rollei MF2 Macroflash, are ideal for macrophotography with the TTL-flash metering of the camera.

7 Depth-of-field preview

For subjects requiring precise depth-of-field control, select the aperture using the depth-of-field scale. To check depth of field on the screen, press the stop-down button and use the viewfinder magnifier.

8 Quick release

For sports, animals and fast-paced action, quick shooting is vital to catch the right moment. The delay between shutter release and mirror movement can be reduced to a minimum by locking up the mirror in advance.

To select "Quick Release", lock the mirror up. The camera then waits for the shutter release to be pressed. The delay between depression of the shutter button and actual exposure is only 3 - 4 ms with PQ lenses and approx. 2 ms with PQS lenses.

Note: Shutter speed and aperture cannot be varied after the mirror has been locked up.

9 Continuous sequences

Set master switch to "C". Press and hold the shutter release. The camera now keeps exposing and advancing the film until you let go of the shutter button. With a fast enough shutter speed, you can shoot at approx. 1.5 fps with a 6x6 magazine. If you keep the shutter release depressed until the end of the film, the camera will also spool up the backing paper. Preferably start a long sequence with a new size-120 or, better still, size-220 film.

Main accessories



A line of carefully selected accessories extends the uses of the Rolleiflex 6001 Professional. Some items make handling more convenient, others are essential for special applications. With the exception of the timer, 70mm magazine SCR 120, MRC 120, Master-Control, FM1 and ME 1, Rolleiflex 6008 accessories can also be used on the 6001 Professional.

Pages 32 to 35 show the complete camera system with all its accessories.

Interchangeable lenses

The line of lenses for the Rolleiflex 6001 Professional makes allowance for the versatile functions of the camera and covers all aspects of creative photography.

The PQ/PQS series (marked "PQ" and "PQS Lens", respectively) permits manual aperture control and bracketing with manually set aperture. However, Rolleiflex 6006 and 6002 lenses may also be used on the Rolleiflex 6001 Professional.

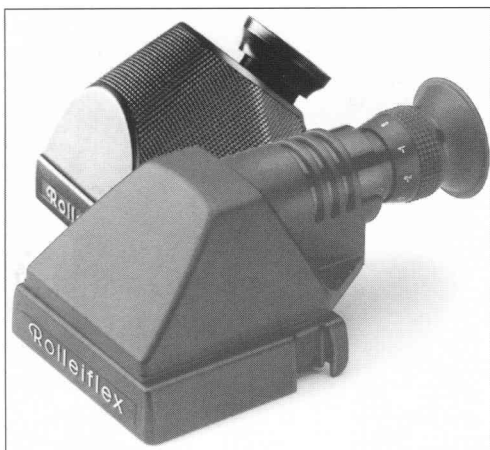
The lenses utilize Rollei's unique direct-drive technology. The camera's microprocessor controls two linear motors that drive the iris diaphragm and the shutter at speeds from $\frac{1}{500}$ s ($\frac{1}{1000}$ s) to 30 seconds, without steps, with virtually no delay and extreme precision. Ten contacts are the interface between camera and lenses, hermetically protected, with no moving parts and thus free from wear.

The line includes lenses from a 30mm fisheye to a 1000mm super telephoto, with all usual fixed focal lengths plus perspective-control and zoom lenses. In conjunction with the latest ultra-high-speed Schneider lenses, it meets every need of the professional user.

Interchangeable film magazines

These take size 120 or 220 roll film for 6x6 or 4.5x6cm (2 1/4 x 2 1/4 in. or 1 3/4 x 2 1/4 in.) exposures. All the roll-film magazines use preloadable film inserts and have a built-in laminar drawslide. The following types are available:

- 6x6/120 magazine for 12 exposures, 6x6/220 magazine for 24 exposures. With film-speed input, automatic frame counter and integral laminar drawslide.
- 4.5x6/120 magazines for 16 exposures and 4.5x6/220 magazines for 32 exposures cannot be used.
- The type 4560 magazine for size-120 and 220 film
 - with laminar drawslide
 - LCD
 - function keys for a wide range of settings can be attached for either horizontal or vertical photography.
- Polaroid magazine for ten 6x6cm exposures on 8.5x10.8cm Polaroid film pack, with film-speed input.



Interchangeable finders

Four different finders and six bright focusing screens offer ideal viewing conditions for every type of subject.

The *standard folding hood* for waist-level viewing has an interchangeable (+2.5 to -4.5 diopters) 3x magnifier.

The *45° prism finder* and the *90° eye-level finder* give an upright and unreversed image. They rotate, with click stops at 90° intervals, for convenient viewing even from awkward angles.

The *rigid magnifying hood* consists of the Rollei 6x6 magnifier and a base attachment for the Rolleiflex 6001 professional.

The Rollei magnifier is available as an optional accessory and allows viewing of 6x6 slides, negatives or paper prints, and naturally of mounted or unmounted 35mm slides. Superbly corrected, this 3x linear magnifier provides color fidelity and high definition over the entire field. The interchangeable base allows viewing both by incident and transmitted light. Together, the two items make a rigid magnifying finder hood.

Bright focusing screen with central split-image rangefinder and microprism collar (standard)

Split-image rangefinder for highly precise focusing on vertical lines, microprism collar for focusing on randomly textured detail. Microfine screen permits focusing over the entire field.

Clear glass screen

Ideal for precise focusing at any aperture, especially for closeup photography. Particularly well-suited where focusing aids are liable to interfere.

Bright focusing screen

Microfine screen for full-area focusing and unobstructed composition. Also suitable for lenses of very small effective aperture and for depth-of-field previewing. Lines mark the horizontal and vertical 4.5x6cm (1¾ x 2¼ in.) format.



Bright focusing screen with microprism spot

For rapid focusing with microprism and ground-glass screen. Disappearance of image shimmer is a precise focusing criterion even in poor light.

High-D screen

for a super-bright viewfinder image and precise focusing even in poor light or in a portrait studio. A central split-image rangefinder facilitates focusing on vertical lines. Orientation lines for vertical and horizontal 4.5x6 format may be used for easy camera alignment. The High-D screen is standard equipment of the Rolleiflex 6001 Professional.

Bellows unit

With rack-and-pinion drive and focusing stage. Clamping screws lock the extension, shown on a scale. With 1/4 in. tripod bush. Retains all automatic camera functions.



Extension tubes

These are 9, 17, 34 and 67 mm long and may be used alone or in combination, even with bellows unit and reversing adapter. They retain all automatic functions of the camera.

22-68mm Zoom extension tube

The zoom extension tube with its precision helical mount covers a continuous extension range from 22 to 68 mm and thus offers maximum ease of operation in closeup photography. It is primarily intended for use with Zeiss lenses from 40 to 250 mm and may also be combined with the reversing adapter.

Reversing adapter

Enlarges the camera's closeup potential by allowing reverse mounting of 50 to 120mm lenses, and links up all automatic functions. Ideal with the bellows unit, where the reverse-mounted 80mm Planar f/2.8, for instance, yields magnifications from 1.8x to 3.5x.



Rollei SCA-356 flash adapter

For dedicated flash photography with the flash units of other manufacturers for the SCA-300 system.

All connections to the camera are made by simply slipping the flash unit with an SCA adapter into the camera's hot shoe. OTF metering guarantees optimum flash exposure.



Bellows lens hood

The extending bellows hood flags off unwanted back and side light. Its extension scale is marked for focal lengths of 80 and 120-250 mm. It comes complete with screening masks for 120 and 250mm lenses. A rear drawer takes 75x75mm gelatine filters.

Lens table

	Aperture range	Shutter-speed 30 sec -	Angle of view diag./hor.	Design	Focusing range	Maximum diameter	Maximum length	Weight	Filterfitting
F-Distagon 1:3.5/30 mm	PQ	3.5-22	1/500	180/112° 8 elements 7 groups	∞-0.3 m (12 in.)	108 mm 4.25 in.	122 mm 4.81 in.	1550 g 54.6 oz.	built-in M 24 x 0.5
Super-Angulon 1:3.5/40 mm (with Floating elements)	PQ	3.5-22	1/500	88/68° 8 elements 8 groups	∞-0.4 m (19 in.)	83.2 mm 3.28 in.	72 mm	750 g	M 77 x 0.75
Distagon 1:4/40 mm (with Floating elements)	PQ	4-32	1/500	88/69° 11 elements 10 groups	∞-0.5 mm (20 in.)	83 mm 3.27 in.	90 mm 3.45 in.	1040 g 36.7 oz.	M 95 x 1 via lens hood no., 60471
Distagon 1:4/50 mm	PQ	4-32	1/500	75/57° 7 elements 7 groups	∞-0.5 m (20 in.)	81.5 mm 3.2 in.	96 mm 3.78 in.	840 g 29.6 oz.	Rollei bayonet VI
Super-Angulon 1:2.8/50 mm	POS	2.8-22	1/1000	74/56° 9 elements 8 groups	∞-0.6 m (2 ft)	104 mm 4.1 in.	115 mm 4.55 in.	1600 g 56.4 oz.	M 95 x 1
Distagon 1:3.5/60 mm	PQ	3.5-22	1/500	67/49° 7 elements 7 groups	∞-0.6 m (2 ft)	81 mm 3.19 in.	83 mm 3.27 in.	770 g 27.2 oz.	Rollei bayonet VI
Planar 1:2.8/80 mm	POS	2.8-22	1/1000	52/38° 7 elements 5 groups	∞-0.9 m (3 ft)	81.5 mm 3.2 in.	63 mm 2.48 in.	590 g 20.8 oz.	Rollei bayonet VI
Xenotar 1:2/80 mm	PQ	2-16	1/500	52/38° 7 elements 5 groups	∞-0.8 m (2.6 ft)	97.3 mm 3.83 in.	100 mm 3.93	960 g 58.2 oz.	Rollei bayonet VI
Apo-Symmar 1:4/90 mm Makro	POS	4-32	1/1000	47/34° 6 elements 4 groups	∞-0.4 m (19 in.)	104 mm 4.1 in.	110 mm 4.34 in.	860 g 30.3 oz.	M 95 x 1
Makro-Planar 1:4/120 mm	POS	4-32	1/1000	36/26° 6 elements 4 groups	∞-0.8 m (2.6 ft)	81.5 mm 3.2 in.	102 mm 4.02 in.	960 g 33.9 oz.	Rollei bayonet VI
Apo-Symmar 1:4.6/150 mm Makro	PQ	4.6-32	1/500	29/21° 6 elements 4 groups	∞1:1.1**	81.5 mm 3.2 in.	81.5 mm 3.2 in.	706 g 24 oz.	Rollei bayonet VI
Sonnar 1:4/150 mm	PQ	4-32	1/500	29/21° 5 elements 3 groups	∞-1.4 m (4.6 ft)	81.5 mm 3.2 in.	102 mm 4.02 in.	890 g 31.4 oz.	Rollei bayonet VI
Sonnar 1:4/150 mm	POS	4-32	1/1000	29/21° 5 elements 3 groups	∞-1.4 m (4.6 ft)	81.5 mm 3.2 in.	102 mm 4.02 in.	890 g 31.4 oz.	Rollei bayonet VI
Tele-Xenar 1:2.8/180 mm	PQ	2.8-22	1/500	25/18° 6 elements 6 groups	∞-1.8 m (6 ft)	100 mm 3.94 in.	150 mm 5.9 in.	1525 g 53.7 oz.	M 95 x 1 (filters) Baj. 104 (sun.)
Sonnar 1:5.6/250 mm	POS	5.6-45	1/1000	18/13° 4 elements 3 groups	∞-2.5 m (8.2 ft)	82.5 mm 3.25 in.	170 mm 6.7 in.	1150 g 40.6 oz.	Rollei bayonet VI
Apo-Tele-Xenar 1:4/300 mm	POS	4-32	1/500	15/11° 6 elements 6 groups	∞-3.2 m (10.5 ft)	101 mm 3.95 in.	262 mm 10.31 in.	2000 g 70.5 oz.	M 95 x 1
Tele-Tessar 1:5.6/350 mm	POS	5.6-45	1/1000	13/9° 4 elements 4 groups	∞-5 m (16.4 ft)	90 mm 3.54 in.	227 mm 8.94 in.	1650 g 58.2 oz.	M 86 x 1
Tele-Tessar 1:8/500 mm	POS	8-64	1/1000	9/6° 5 elements 3 groups	∞-8.5 m (28 ft)	100 mm 3.94 in.	316 mm 12.4 in.	1995 g 70.4 oz.	M 86 x 1
Tele-Tessar 1:8/1000 mm	PQ	8-64	1/500	4.5/3° 4 elements 4 groups	∞-21 m (68.9 ft)	215 mm 8.47 in.	790 mm 31.14 in.	8740 g 19.3 lbs.	-
PCS-Super-Angulon 1:4.5/55 mm Shift-Objektiv	PQ	4.5-32	1/500	70/85° 10 elements 8 groups	∞-0.5 m (20 in.)	104 mm 4.1 in.	155 mm 6.1 in.	1650 g 58.2 oz.	Rollei bayonet Ø 104
Variogon 1:4.5/75-150 mm Zoom-Objektiv	PQ	4.5-32	1/500	55/40° 29/21° 15 elements 13 groups	∞-1.8 m (6 ft) & macro	100 mm 3.94 in.	180 mm 7.09 in.	1800 g 63.5 oz.	M 95 x 1
Variogon 1:5.6/140-280 mm Zoom-Objektiv	PQ	5.6-45	1/500	32/23° 16/11° 17 elements 14 groups	∞-2.5 m (8.2 ft) & macro	94 mm 3.7 in.	238 mm 9.37 in.	1750 g 61.7 oz.	M 95 x 1 screw-in or 93 mm series

The 2 x tele-converter doubles the focal lengths, extending the lens range to a 2000 mm super tele or to a 280-560 mm super zoom system.

The converter is particularly recommended for focal lengths between 80 and 150 mm.

Longer 1.4 x tele-converter. Specially designed for the new fast tele lenses, this converter gives a 1.4 times extension of the focal length while, at the same time, reducing the f-number by one step.

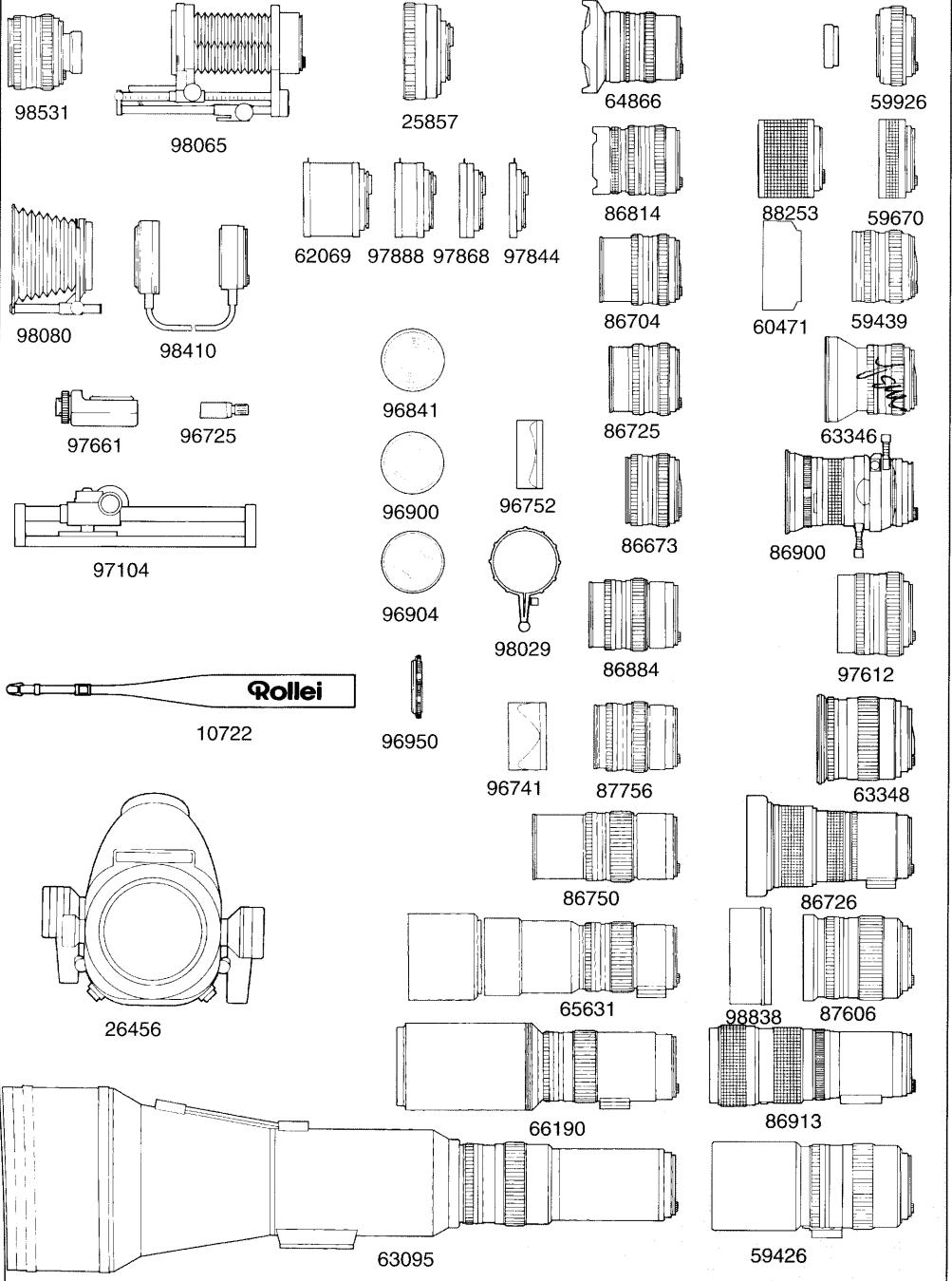
** in conjunction with extension bellows

The Rolleiflex 6000 System

59926	M39/40 adapter	98410	Reversing adapter
59670	1.4x Longar teleconverter	62069	Extension tube, 67 mm
59439	40mm Super-Angulon f/3.5 HFT	97888	Extension tube, 34 mm
63348	50mm Super-Angulon f/2.8 HFT	97868	Extension tube, 17 mm
86900	55mm Super-Angulon f/4.5 HFT	97844	Extension tube, 9 mm
87612	80mm Xenotar f/2 HFT	98065	Bellows unit
63348	90mm Apo-Symmar f/4 HFT	98531	150mm Apo-Symmar f/4.6 HFT
86926	75-150mm Variogon f/4.5 HFT	96752	Lens hood, size VI, for 50mm f/4 and 60mm f/3.5 lenses
87606	180mm Tele-Xenar f/2.8 HFT	96741	Lens hood, size VI, for 80-250mm lenses (except 180 mm)
98839	Lens hood for 180mm f/2.8	97814	45° prism finder
86913	140-280mm Variogon f/5.6 HFT	62903	90° eye-level finder
59426	300mm Apo-Tele-Xenar f/4 HFT	64899	Rapid charger
64866	30mm F-Distagon f/3.5 HFT	39715	Nicad battery
86814	40mm Distagon f/4 HFT	98200	External battery connector
98253	2x teleconverter	91187	Car battery cable
60471	Lens hood for 40mm f/3.5 or 40mm f/4	10772	Super-bright focusing screen D
86704	50mm Distagon f/4 HFT	97069	Bright focusing screen with central split-image rangefinder and microprism collar
86725	60mm Distagon f/3.5 HFT	64911	Bright focusing screen
86673	80mm Planar f/2.8 HFT	97074	Bright focusing screen with microprism spot
86884	120mm Makro-Planar f/4 HFT	10772	High-D-Screen
86756	150mm Sonnar f/4 HFT	56522	Rolleiflex 6008 integral body
86780	250mm Sonnar f/5.6 HFT	64002	Planar 2.8/80 HFT PQS
65631	350mm Tele-Tessar f/5.6 HFT	56521	Rolleiflex 6008 E with Planar 2.8/80 HFT PQ
66190	500mm Tele-Tessar f/8 HFT	11615	Rolleiflex 6003 professional with Planar 2.8/80 HFT PQ
63045	1000mm Tele-Tessar f/8 HFT	56528	Rolleiflex 6001 "professional" with 80mm Planar lens f/2.8 HFT PQ
26456	Rollei Marin underwater housing	88798	6x6/120 magazine
96900	Zeiss Softar I soft-focus attachment	88799	6x6/220 magazine
96841	Circular polarizing filter -1.5		
96904	Zeiss Softar II soft-focus attachment		
98029	Quick-focusing lever		
10722	Carrying strap		
96950	Size VI gelatine-filter holder		
98080	Bellows lens hood		

11987	4560 Magazine
10723	DSP 104
25957	Digital ChipPack
97700	Spot-reading back
97698	Average-reading back
98004	Film insert
97979	Polaroid magazine
97661	Rollei SCA-356 dedicated flash adapter
96725	Quick tripod coupling
97104	Focusing rack
98874	RC-120 remote control
10740	Rollei studio camera
64872	Lens control
22493	Swivelling device
12782	Lens adapter

1) Professional lenses size 0 and 1,
Rodenstock or Schneider Kreuznach





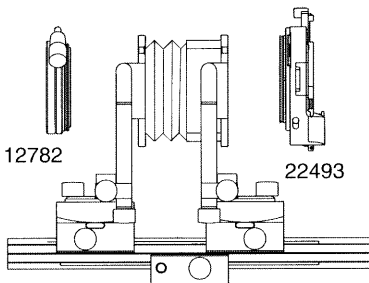
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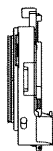
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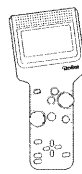
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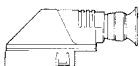
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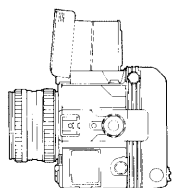
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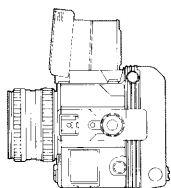
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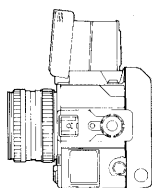
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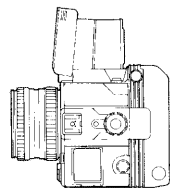
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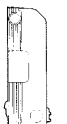
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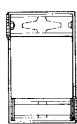
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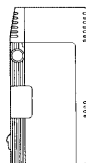
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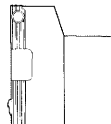
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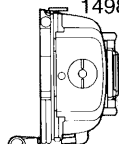
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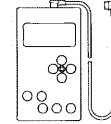
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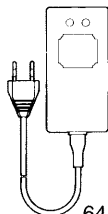
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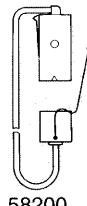
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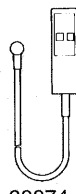
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58200



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Trouble shooting

Problem

Nothing works

Film fails to advance to frame 1

No aperture display

No viewfinder display

Premature exhaustion of battery

No image on screen

Screen image appears unsharp

Shutter release remains locked.

Camera cuts off during exposure sequence

Cause	Remedy
Camera not switched on	Turn master switch to "S"
Battery not inserted or exhausted	Insert or recharge battery
Drawslide bar of magazine not pushed fully down	Push drawslide bar fully down
Lens unlocked	Lock lens
Loose turns in backing paper	Press shutter release again; if necessary, tighten backing paper by hand before loading film
Lens is not PQ type	Mount PQ lens
Display switched off	Switch display on with control unit
Operating temperature too low	Keep battery warm and recharge or use spare battery or external battery connector
Mirror locked up	Press shutter release and repeat meter reading
Screen inserted wrong way round or not fully engaged	Insert screen correctly (matt side down), push screen frame home fully
Poor eyesight	Use eyesight correction lens (+2.5 to -4.5 diopters, available through Rollei service)
Battery warning went unheeded.	Change or recharge the battery
Battery exhausted	Use fully charged battery

Trouble shooting

Problem	Cause
Camera switches off during film loading or advance; fuse blows	Film base brittle, e.g. in cold weather or after refrigerated storage
	Film wound up unevenly
Pictures unsharp	Camera used with wrong back (SLX/6002)
Frame counter stops at 15 or 16	Size 120 film used in size 220 magazine
Size 220 film not wound up fully	Size 220 film used in size 120 magazine
One or two frames unexposed at end of film	Film insufficiently advanced during loading

Remedy

Keep film (and camera) warm; replace fuse; carry spare battery in warm pocket

Replace fuse (use only type 1.25 A/250 V, slow-blowing)

Use camera only with proper magazine

Press shutter release twice to spool up film end. Pictures probably unsharp due to poor film flattening

Press shutter release about 20 times

Wind on backing paper until arrow mark lines up with index

The care of your camera

Like any other instrument expected to give long-term reliable service, the Rolleiflex 6001 professional calls for suitable care in handling. Do not use any chemical solvents for cleaning. Instead, use these proven methods:

Remove dust with a soft camel-hair brush or a rubber blower. If external lens surfaces need cleaning, gently breathe on them and wipe clean with optical lens tissue. To kill static, breathe on the surface and allow the condensation to evaporate without wiping.

Use special care in cleaning the focusing screen: Remove dust only with a blower or soft camel-hair brush. Protect both sides against fingerprints. Keep the camera away from harmful fumes and dampness.

In highly humid tropical and subtropical climates, metal parts risk corrosion and glass surfaces fungus growth. Whenever possible, dry out the camera in the sun and fresh air. Keep magazines and film tracks clean (gelatine fragments rubbed off the film attract fungus growth). Take special care to avoid dirt or soiling.

Should any problems be encountered, consult your nearest Rollei Service Center.

Specifications

Camera type

Microcomputer-controlled, modular single-lens reflex camera with TTL autoflash control and motorized film advance.

Negative sizes

6x6cm and 4.5x6cm (2/1/4 x 2 1/4 and 1 3/4 x 2 1/4 in.)

Film types

Size 120 and 200 roll film for 12 or 24 6x6cm exposures, respectively, or 32 4.5x6cm exposures. Polaroid film pack for 8 6x6cm exposures.

Shutter

Electronically controlled leaf shutter with speeds from 1/500 s or 1/1000 s to 30 s in 1/3 increments plus B, direct-drive controlled by two linear motors in each lens.

Quick Release

For approx. 3-4ms delay between depression of shutter release and opening of shutter with PQ lenses (approx. 2 ms with PQS lenses).

Automatic flash control

With all shutter speeds from 1/1000 s (PQS) or 1/500 s (PQ) to 30 s. Hot shoe with special contacts for dedicated flash units (SCA-300 system), Rolleiflex SCA-356 flash adapter.

Shutter release

Electromagnetic, in lower right-hand corner of camera front. Additional cable-release and remote-control sockets.

Depth-of-field preview

By means of stop-down button.

Mirror lockup

Mirror lockup is followed by quick release.

Lens mount

Rolleiflex bayonet mount with 10 contacts for transmission of iris and shutter-drive pulses. Automatic diaphragm is retained even with bellows, extension tubes and reversing adapter.

Lenses

Interchangeable Zeiss and Schneider PQ and PQS lenses for use of all camera functions. Non-PQ Zeiss and Schneider lenses may also be used (without aperture bracketing).

Multiple exposure

Film advance disengaged in ME position of camera switch; screen image permanently visible.

Reflex mirror

Instant return mirror with multicoating and pneumatic mirror brake.

Viewfinder system

Camera supplied with folding hood containing swing-out, interchangeable magnifier. Optional 45° prism finder, rigid magnifying hood and 90° eyelevel finder.

Interchangeable focusing screens.

Film advance

Built-in high-performance motor for single shots and continuous shooting with up to 1.5 fps. Automatic advance to first frame. Automatic wind-off after last frame.

Power supply

Rechargeable sintered-plate nicad battery for about 500 exposures at room temperature. Rapid charger (110-240 V, 50/60 Hz) with automatic charge limiter and 12-volt connector for car battery.

Interchangeable film magazines

for 6x6cm/120, 6x6/220, type 4560 magazine for 4.5x6/120 and 220-size film. With integral laminar drawslide, frame counter, film-speed input, film-type reminder and preloadable film inserts. Polaroid magazine for film packs (10 exposures 6x6cm). Rolleiflex 6006 interchangeable magazines are compatible. Automatic film-speed input ISO 100/21°.

Connections

Universal 14-contact threaded socket for manual release and infrared remote control.

Quick-release tripod coupling. 1/4 and 3/8in. tripod sockets.

Operating temperature

From -20°C to +60°C.

Special adaptations available from Rollei for extreme temperatures.

Dimensions (mm/wxhxd)

Without lens: 143 x 139 x 124

With 80mm/f2.8 lens: 143 x 139 x 176

Weight

Without lens 1,450 g (with normal lens)

With 80mm/f2.8 lens 2,060 g.