



Rolleiflex 3001

More Creative Possibilities
in 35 mm Photography

Rollei
fototechnic

A Combination of Medium-format and 35 mm



For decades Rollei has concentrated on medium format. Cameras like the Rolleiflex 6006 and the Rolleiflex SL 66 SE are quite rightly seen as the most advanced in the world. For this reason, Rollei decided to base the design of its 35 mm SLR camera on proven medium-format technology. The result was the Rolleiflex 3003, still the only 35 mm SLR camera in the world with an interchangeable magazine and a dual finder system. This model's fully comprehensive system makes it particularly attractive to photographers who are used to working in medium format but want to go back to 35 mm because of the larger range of film available. With its wide range of features, this camera is suitable for both creative photography and many technical and scientific applications for which a medium-format camera was generally needed until now. Here, the Rolleiflex 3003 has the extra versatility provided by interchangeable magazines. The magazine range includes bulk-film magazines, an adaptable Polaroid back for checking the light and many other types of magazine.

The Rolleiflex 3001 represents a logical extension of the 3003 system. This model is intended for prospective buyers who have already considered the professional Rolleiflex 3003, but do not need all its features. For this reason, the Rolleiflex 3001 retains the interchangeable magazine and the extensive range of lenses and accessories. On the other hand, Rollei has done away with the viewfinder hood, which seems unnecessary to many photographers accustomed to the traditional 35 mm handling technique. This means that the shutter release no longer has to be on the side, as on the Rolleiflex 3003. The release on top of the camera, used in conjunction with the strap grip, is more in line with the handling technique for the conventional 35 mm SLR camera. These and other changes of detail make the Rolleiflex 3001 a very attractively priced professional system camera – an interesting proposition for many advanced amateurs! What is more, this new model incorporates a really remarkable set of features.



- ① **Unique feature: the interchangeable magazine system**
Speedy changes of even partly exposed film without the loss of a single picture. Interchangeable magazine with frame counter and integral DIN / ASA control. Removal of film insert with magazine fitted or detached.
- ② **Unique feature: loop handgrip as part of the camera design**
For expert handling in conjunction with the release button on top of the camera.
- ③ Eyelet for carrying strap, right.
- ④ **Unique feature: built-in high-performance motor**
For automatically available individual exposures or sequences of exposures at about 3 frames per second.
- ⑤ Power pack with rechargeable NiCd battery.
- ⑥ Magazine switch for single and multiple exposures as well as for magazine change-over.
- ⑦ Drawslide for changing magazine with partly-exposed film.
- ⑧ Change-over switch for working/open aperture metering.
- ⑨ LED for photography with auto release.
- ⑩ Tripod bush with 1/4" thread.
- ⑪ Hot shoe with centre contact and control contacts for automatic flash units.
- ⑫ Synchronizing socket for connection to automatic flash.
- ⑬ Eyelet for carrying strap, left.
- ⑭ Setting disc for exposure correction with EV intervals -1 to +2.
- ⑮ Unlocking button for control ring.
- ⑯ Control ring for operational made and shutter speeds of 1/1000 to 1/6 sec.
- ⑰ Shutter release.
- ⑱ Telescopic viewfinder.
- ⑲ Main switch for individual exposure, series exposure and time exposure.
- ⑳ Unlocking button for interchangeable lenses.
- ㉑ Connection socket for remote operation timer, infrared remote release and programmed sequences of exposures.
- ㉒ Setting disc for film speeds from 15 to 39 DIN (25 to 6400 ASA).
- ㉓ Frame counter, for up to 72 frames.
- ㉔ Indicator for fault/operating error and battery voltage.
- ㉕ Switch for measured value storage, auto release and power monitoring.



Practical exposure system

Sure and simple – that's the principle behind the Rollei 3001. And exposure metering's no exception. Exposure is set automatically (automatic exposure with aperture priority) from centre-weighted integral measurement. Automatic exposure can be corrected by -1 to +2 EV steps, or in particularly difficult conditions the camera can be switched to manual exposure. In addition, the exposure value can be stored in the memory and held while moving to the desired image framing.

Unrestricted working-aperture or full-aperture metering

This too is an unusual feature: the automatic functions remain fully operational not only with full-aperture metering but also with working-aperture metering. This is particularly important when using extension tubes not designed for automatic operation, adapters or bellows. Also with other manufacturers' lenses or older types of Rollei lens without transfer of aperture data.

The ME turn

One turn of the magazine-switch on the Rolleiflex 3001 is enough to disengage the motorized film transport and to obtain exciting photographic effects by multiple exposure.

Convenient flash control

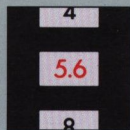
TTL flash metering in the Rolleiflex 3001 represents the state of the art in flash technology. In conjunction with the Rollei SCA 356 adapter and flash equipment using the SCA 300 system, the flash output is controlled from the light reflected from the film surface. This metering procedure allows for the various angles of view of different lenses as well as the extension factors for any filters, bellows or extension tubes used. The camera automatically sets itself to the flash synchronizing speed of 1/100 sec.

The viewfinder as control centre

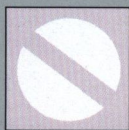
The telescopic viewfinder, with its reversible flexible eyecup, provides a bright clear finder image. Indicators for aperture, shutter speed and image framing and a microprism ring are also visible in the viewfinder. Special illuminated signals give information on stored meter values, manual exposure metering, exposure correction and flash monitoring. Seven focusing screens are available to ensure the most appropriate view for any assignment and any subject. They can be changed quickly and easily without tools.



Shutter speed indication



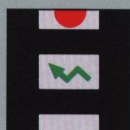
Aperture indication



Split-image rangefinder



Memo control



Flash control



LED for exposure correction



Rolleiflex 3001

A Wide Range of Features and Accessories Gives More Scope for Creativity

The right film for every photographic situation using the professional interchangeable magazine

Previously, you could only change a partly-exposed film without losing a single frame in professional medium format. Now, with the Rolleiflex 3001, you can change quickly and easily from colour to black-and-white, from standard to high-speed film, from negative to reversal film or back again. Armed with a number of magazines and a variety of film stock, you are ready for any photographic situation that may arise. And for special assignments you can use a bulk-film magazine for 250 exposures as well as a Polaroid magazine for premonitoring subject composition and lighting.

Built-in high-performance motor for instant-shot capability and exciting picture sequences

With its motorized winding and film transport, the Rolleiflex 3001 is clearly a camera for dynamic photography. The two operating modes of the motor give individual shots or rapidfire sequences at 3 pictures per second. You can even switch over from single shot to sequence by simply turning a switch, without taking the camera from your eye.

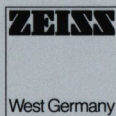
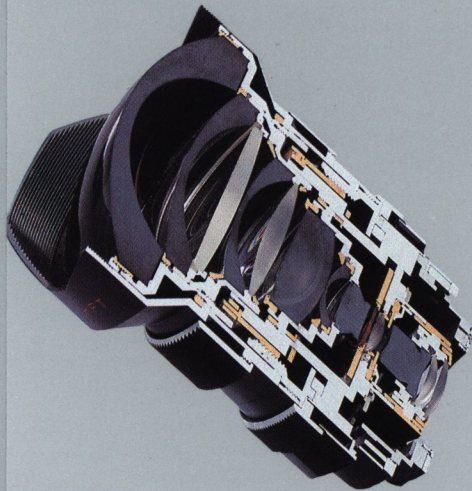
Between individual shots, exposure is monitored automatically and the shutter speed corrected if necessary.

A lens range that leaves nothing to be desired

The Rolleiflex 3001 user is offered a range of lenses of unparalleled quality and versatility. The well-known Carl Zeiss lens series encompasses 18 types, ranging from the super-wide-angle 15 mm Distagon to the 1000 mm Tele-Tessar. The alternative Rolleinar range has a total of 15 lenses, from the 14 mm fisheye to the 500 mm super-telephoto together with zoom lenses with focal length ranges between 28 and 250 mm. The special range comprises a further five lenses for architectural and magnifying photography. Whatever your photographic assignment, you can find the right lens in the Rollei range.

A professional-looking range of accessories

The very comprehensive range of accessories includes interchangeable, bulk-film and Polaroid magazines; remote release, close-up and macro equipment; the rapid charger, automatic recharging lead and timer.



The Rolleiflex 3001 at a Glance

Camera type	Single-lens reflex camera with interchangeable film magazine, integral motor drive and strap grip. Central processor control and monitoring of all metering and drive functions.
Film types	Type 135 35 mm cartridges for 12, 20, 24, 36 or 72 exposures; also sheet film and bulk film.
Film speed	Set on film magazine; 15 - 39 DIN (25 - 6400 ASA).
Exposure metering	Through the lens. Centre-weighted integral metering with full or working aperture. Exposure correction from -1 to +2 EV steps.
Meter range	Exposure values 1 - 18 with 21 DIN/100 ASA film at with aperture 1:1.4
Shutter	Vertical-travel metal-blind focal plane shutter. Electronically controlled. Automatic shutter speed control with aperture priority or manual exposure. Shutter speeds: 1/1000 sec to 16 sec, plus B for long-time exposures.
Interchangeable lenses	Rollei QBM bayonet mounting with aperture data transfer. Zeiss lenses from 15 to 1000mm in focal length; Rolleinar lenses from 14 to 500mm in focal length plus shift and zoom lenses.
Shutter release	Microswitch on top of the camera used in conjunction with strap grip. Electronic selftimer.
Film transport	Built-in high-performance motor; single frame or continuous release at 3 frames/sec.
Multiple exposure	By means of a switch on the magazine.
Reflex mirror	Hard-coated instant-return mirror with damping system.
Viewfinder	Telescopic finder with rubber eyecup. Seven interchangeable screens.
Flash automation	Off-the-film TTL flash metering when used with Rollei SCA 356 special adapter and automatic flash units (SCA 300 system). Flash synchronization 1/100 sec.
Power supply	Quick-change power-pack with permanently installed nicads. Charger supplied.
Interchangeable magazine	With darkslide for rapid changing of partly-exposed films. For 12-, 20-, 24-, 36- or 72-exposure 35mm films. Also sheet film. Polaroid magazine for Polaroid film packs (two 24x36mm images per print). Bulk-film magazine for 250 exposures.
Connections	Multiple socket for electrical remote release lead, timer, infrared remote release, 1/4 inch tripod bush.
Dimensions/weight	89 x 111 x 159 mm with f 1.8/50mm lens. Weight approx 1185g.

The manufacturer reserves the right to make technical modifications or supply goods other than those specified.

The Complete Rolleiflex 3003/3001 System



If you want to know more about the camera system and the range of lenses and accessories, consult the detailed brochure on the Rolleiflex 3003.