

MINOLTA SR SYSTEM ACCESSORIES



9-28-70

Photo Box
Gr 290 Lib

The versatile components
of a complete
35mm photographic system

Close-up and Photomacrography

Of all the kinds of photography that are possible with the Minolta SR system, the two which probably provide the most consistently unusual pictures are close-up and photomacrography. Even for the beginning photographer, the possibilities in this field are practically unlimited, and the results are almost always uncommonly exciting. Everyday objects such as stamps or coins, mechanical objects (such as the movements and gears of a wrist-watch), insects, plants, much more, take on dimensions not always visible to the human eye. The commonplace becomes extraordinary through exaggeration. Best of all, the world of close-up and photomacrography provides a stimulating challenge for any photographer wishing



to test his techniques and imagination. And today, use of the Minolta SR-T 101 with special attachments makes photomacrography easier, faster, and more practical than ever before.

Even without accessories or attachments, the normal lenses on Minolta SR cameras permit a great variety of close-up photography. The Rokkor 58mm F1.4 lens can take pictures as close as 1.97 feet. The Rokkor 55mm F1.7 lens is sharp as close as 1.75 feet. But to get even more dramatic close-ups requires the use of special equipment that is designed to provide photographs much larger than life-size. Minolta accessories for close-up and photomacrography include a 50mm Macro Rokkor Lens, 100mm and 135mm



bellows lenses, an extension tube set, two sets of extension bellows, supplementary screw-in close-up lenses and a rigid copy stand.

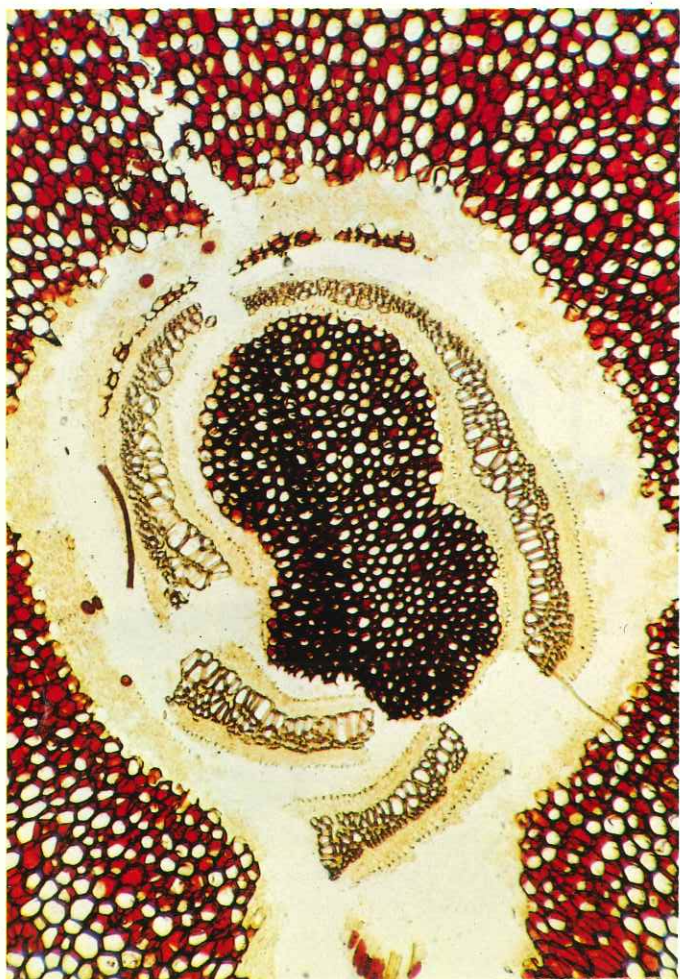
These accessories may be used with all Minolta SR cameras, but are especially recommended for use with the Minolta SR-T 101. With this camera's through-the-lens measuring system, the need to calculate exposure factor or effective aperture (probably the most complex of all close-up or photomacrography tasks) is eliminated. Since light is measured through the lens, or through any other Minolta close-up devices being used, all adjustment for exposure is completely automatic, regardless of magnification ratio.





Photomicrography

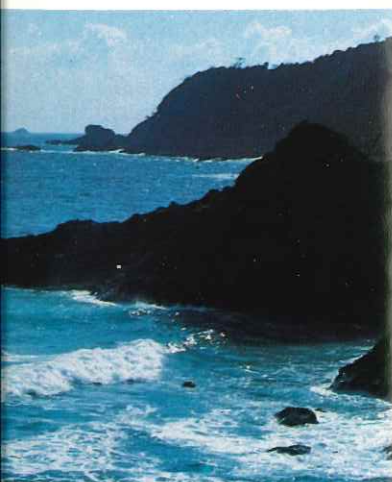
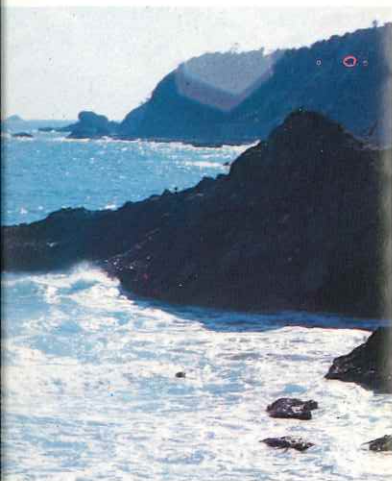
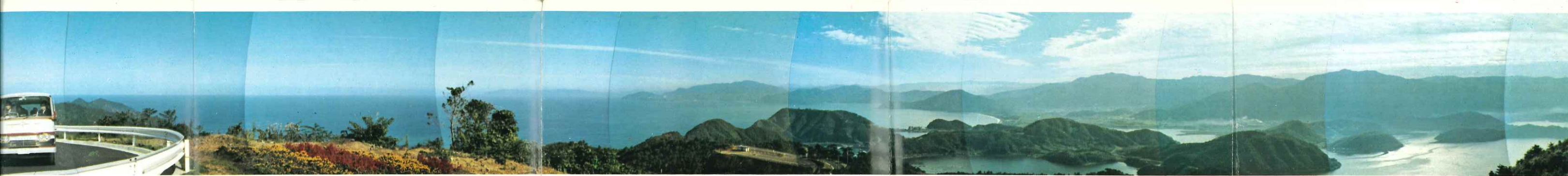
Minolta's highly-specialized photomicrography system has a score of uses in hospital, college and industrial laboratories, or for the serious photomicrography hobbyist. It can be adapted for use with virtually any microscope now being made. Its completely vibration-free operation, and a highly sensitive exposure/color temperature meter permit ease-of-use and total photomicrography versatility.





Polarization

Special Minolta-made filters help eliminate or control reflections, and can also be used to darken skies to produce unusual and dramatic photographic effects. They are highly recommended when photographing water, glass, other reflecting surfaces, as well as polarizing light emanating from the sky.



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Flash Photography

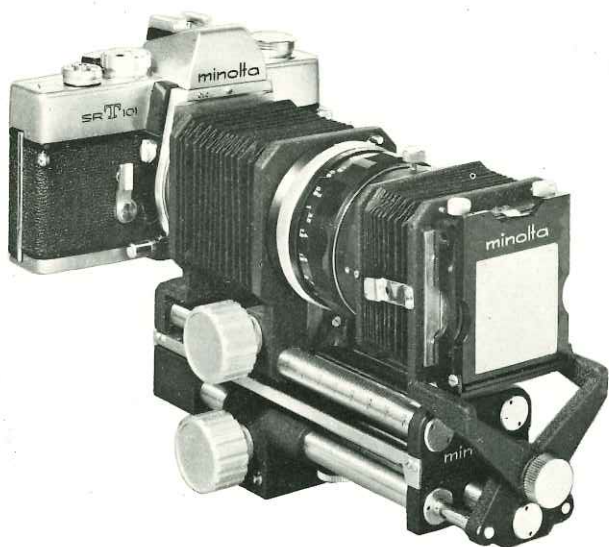
Minolta flash photography equipment adds unusual versatility to your Minolta camera in every dim lighted situation. For perfect electronic flash results, choose the Minolta Electroflash that gives up to 370 flashes per load of alkaline batteries. And if you prefer flash bulbs, use the Minolta Deluxe Unit III, a convenient folding reflector flash unit designed especially for use with Minolta SR cameras.

Panoramic Photography

Making wide, appealing and memorable scenic photographs is easy if the Minolta Panorama Head is used. The special piece of equipment is fitted between a Minolta SR camera and tripod, and turns in a 360° circle at marked intervals of 12°. This allows the scenic photographer to shoot up to a 360° panorama view in overlapping sections of 24° click stops without fear of misjudging the camera's coverage of any single section.

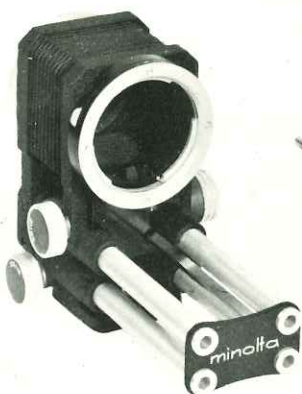
AUTO BELLOWS I

Attached to an SR camera, this deluxe double track bellows provides calibrated extension between the lens and film. It features an automatic diaphragm coupling device and attaches to the SR camera body in the same manner as a lens. Used with the standard 55mm Rokkor Lens, the Auto Bellows I permits continuous magnification between 0.7X to 2.9X.



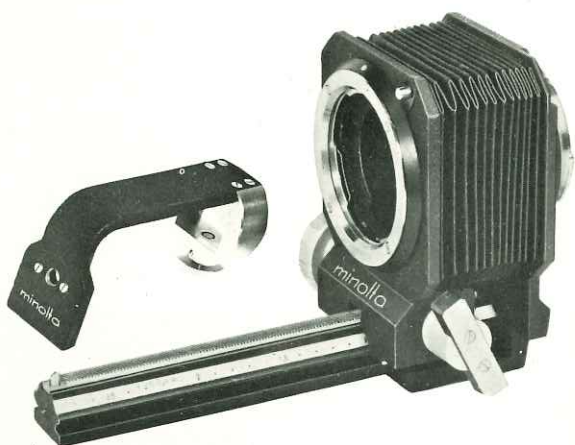
AUTO BELLOWS II

This less expensive version of the Auto Bellows I is very compact and light weight yet it is equipped with an automatic diaphragm coupling device. Magnification between 0.73X and 2.36X can be obtained with the Auto Bellows II and a 55mm standard lens. This unit has an extension scale engraved on the track. Slide copier and shade are available as optional accessories.



BELLOWS III

Reasonably priced, compact and lightweight, this Bellows performs many of the same functions as the Auto Bellows I. Magnifications between 0.65X and 2.92X can be obtained with the Bellows III and a 55mm lens.



EXTENSION TUBE SET II

This set of five separate tubes can be used in various combinations for close-up photography with Rokkor Lenses. Function of the tubes is to increase magnification by lengthening the lens-to-film distance. When used with the Minolta SR-T 101, no compensation for exposure is necessary since exposure readings may be taken through the tube and lens combination.



COPY STAND II

This rigid camera support assures maximum stability in all photomacrography, and is highly recommended for copying flat or three-dimensional materials. It features a heavy duty $15\frac{1}{2} \times 17\frac{3}{4}$ inch baseboard and a 24-inch chrome tube to provide secure support for camera and macro equipment.



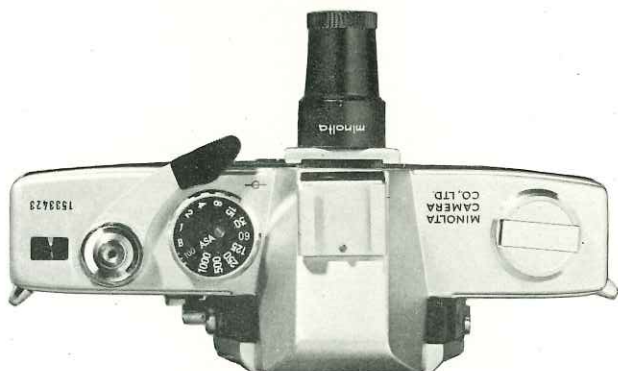
ANGLE FINDER V

This eyepiece attachment permits viewing with the camera held below the eye. Focusing may be made from any position as the finder can be rotated in a full circle and a right-way-round image can be achieved. The eyepiece is adjustable for individual eyesight.



MAGNIFIER V

This is a useful tool for precise focusing when making photomicrographs, copying and taking distant telephoto pictures. It features an adjustable eyepiece and a 2.5X magnification power, and can be focused for individual eyesight.



EYEPIECE CORRECTOR LENSES V

Focusing aid for far-and near-sighted photographers is provided by these special lenses which fit into slots provided in the camera eyepiece. Minolta makes nine different diopter strengths, from -4 to $+3$.



POLARIZING FILTERS

These special filters help eliminate or control reflections, and can also be used to darken skies to produce unusual and dramatic photographic effects. They screw into a Rokkor Lens in the same way as an ordinary filter. They may be used with any Rokkor Lens having a screw mount diameter of 52 or 55mm.



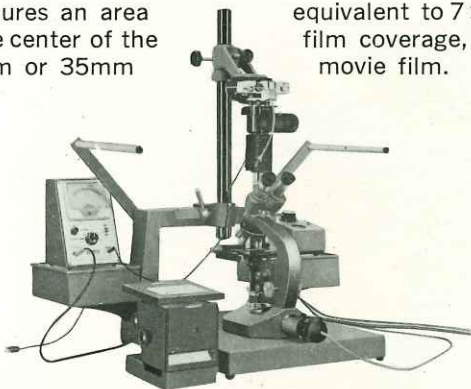
SOLID GLASS FILTERS

Minolta filters are invaluable aids in heightening or diminishing specific kinds of photographic effects. They are made in Minolta's own factories to insure uniform quality. Filters available include UV, yellow, orange, green, ND, 80B, 85A and 1A.



MICROSCOPE PHOTO UNIT II

This extremely versatile unit can be used with most interchangeable lens cameras and most microscopes. Its features are numerous. Viewing and focusing are accomplished by a 5.6X eyepiece with a sliding eye-point clamp to hold the tube in best corner-to-corner viewing position. Exposure determination is by a half-mirror prism. A color temperature meter is built-in for precise color filtration. The bellows and exposure system are anti-vibration mounted. The through-the-lens exposure meter is of the semi-spot type and measures an area in the center of the 16mm or 35mm equivalent to 7×9 mm film coverage, either movie film.



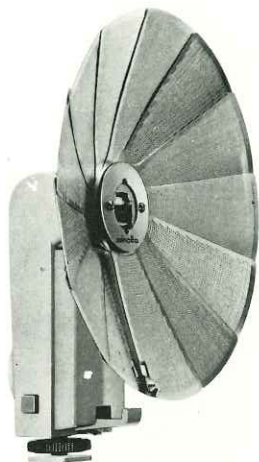
MICROSCOPE ADAPTER

This two-piece device is used to connect an SR camera to a microscope. One section bayonets into the camera body in place of the lens while the other end fits into the ocular adapter tube section of the microscope. Taking photomicrographs is easy with this adapter because you can follow moving specimens up to the precise moment of exposure.



DELUXE FLASH UNIT III

This compact and powerful flash unit has a folded type reflector and swivels to any of 5 click-stop positions. It takes regular base, pinless base and AG type flash bulbs, and can be used either with or without a cord. The unit unfolds and attaches to the camera in seconds.



ELECTROFLASH

New features make this compact electronic flash device perfect for both black-and-white and color flash photography. It is equipped with Hi and Lo neon lights to indicate precise Guide Numbers and to prevent under-exposure. When voltage of the battery subsides and light becomes weak, the Lo lamp warns that the camera aperture should be adjusted for correct exposure. Xenon tube keeps color temperature balance at 6000°K and eliminates need for light balancing filter. Gives 370 flashes per load of alkaline batteries.



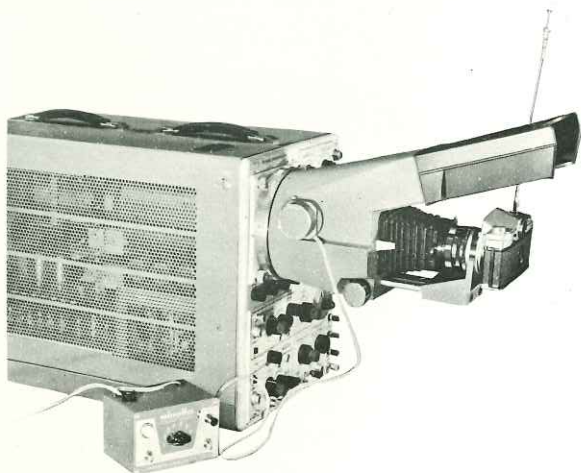
PANORAMA HEAD

Fitted between a Minolta SR camera and tripod, the panorama head turns in a 360° circle at marked intervals of 12°. This allows the scenic photographer to shoot up to a 360° panorama view in overlapping sections of 24° click stops without fear of misjudging the camera's coverage of any single section.



PHOTO OSCILLOSCOPE UNIT II

Designed principally for academic and industrial research, this instrument accurately records the electric waves emitted from Braun tubes and oscilloscopes. Incorporated in the adapter are an oversized finder for ease-of-observation and a data recording device.



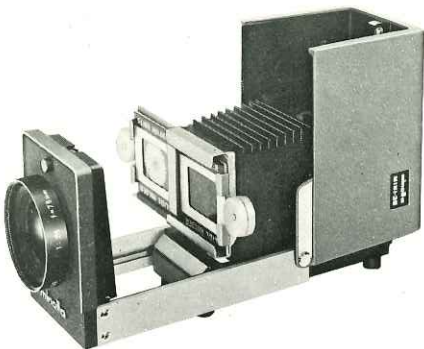
LENS MOUNT ADAPTERS

Minolta makes adapters for Leica, Praktica and Exakta lenses, all of which lock securely to Minolta SR camera bodies with the use of a special key which is supplied. Any Exakta or Praktica mount lens can be used with the SR cameras and can be focused through their full range. Leica mount lenses, since they have a different back focus, can be used only for close-ups and copying.



MINI 35 II SLIDE PROJECTOR

Deceptively small and lightweight, this 35mm slide projector carries like a camera and sets up in seconds. But it also completely fills a 35" screen from a distance of just 7 feet (2 meters). Its highly-acclaimed optical system incorporates a 75mm F2.5 Rokkor projection Lens, plus a triple condenser system for extra bright, evenly lighted images. Optical accessories include an auto-changer, tele/wide conversion lens, blower device for extra cooling power for long showings, and a strip film carrier.



Minolta Makes A Complete 35mm Photographic System . . .

...so that you can be a complete photographer. When you own any of the famed Minolta SR cameras, you also own the nucleus of one of the world's finest systems of 35mm photography. Your potential is unlimited at all times.

Judged by any standards of photographic excellence, Minolta SR cameras are totally professional instruments of uncompromised quality. With their versatile complement of Rokkor Lenses and precision Minolta accessories, they become cameras capable of challenging — and mastering — any photographic situation imaginable.

The object of the SR system is to give any photographer, no matter what his degree of skill, a creative choice in all areas of photography. Your Minolta dealer can demonstrate the full SR camera, lens and accessory line described in this pamphlet, and help you choose the equipment that best suits your needs. He knows a lot about cameras. And probably he'll tell you that you can't ever go wrong with Minolta.

Minolta
MINOLTA CAMERA CO., LTD.