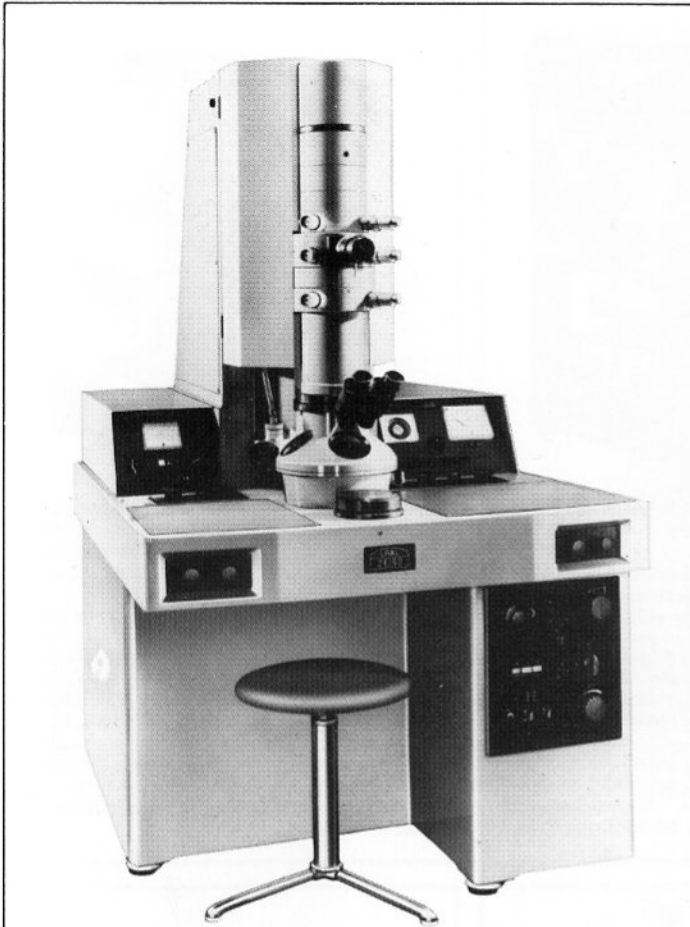
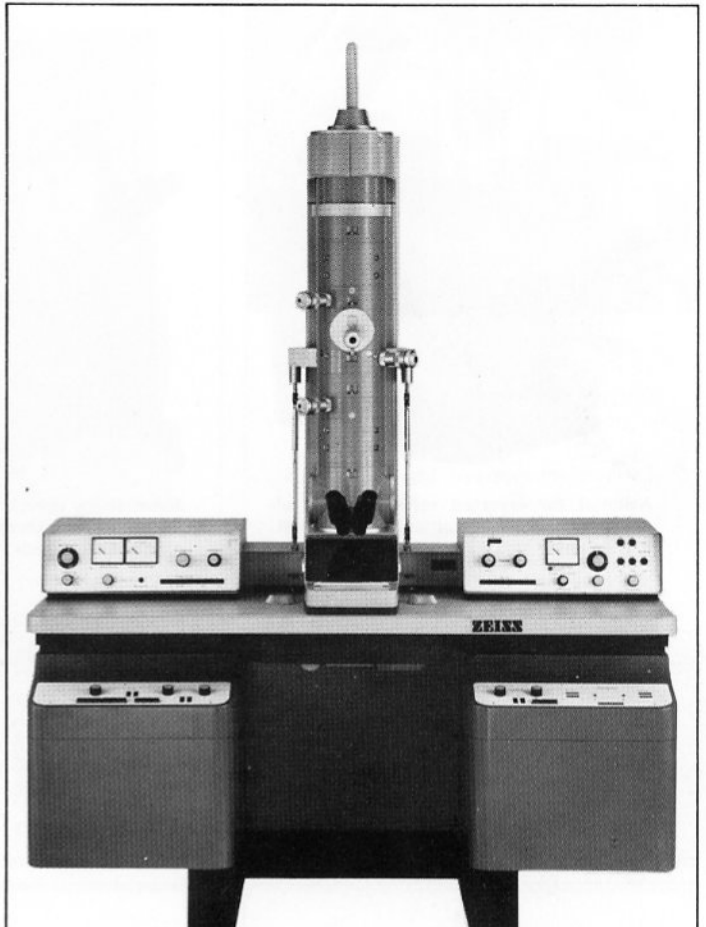


# ZEISS where the future is now— in electron and optical microscopes...



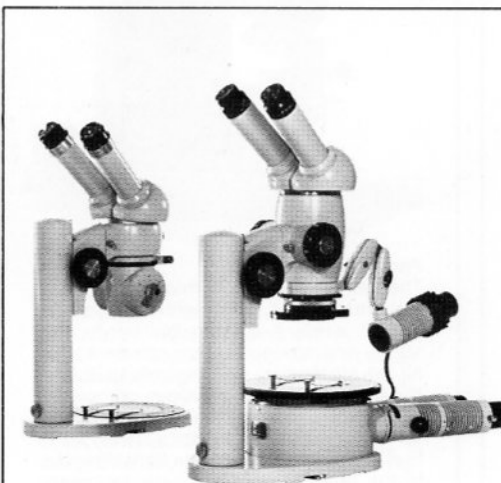
**EM 9 S-2 Electron Microscope** 7Å p.t.p.  
Fully automatic camera system includes identification of negatives. Extremely simple to operate. Small size. Big performance. Low price. Zoom or fixed-step magnifications from 30x to 60,000x — distortion-free with direct read-out. Focusing aid. Multiple (21 openings) thin-metal film aperture. Specimen exchange through foolproof airlock in 8 secs; stereo tilt.



**EM 10 High-Resolution Electron Microscope** 3.5Å p.t.p.  
Solid-state circuitry. Easy, foolproof operation. Focusing aid for entire range of 100x-200,000x. High-resolution goniometer, multiple specimen holder, cartridges for cooling, heating, tensile testing. Fully automatic 3¼x4", 70 mm, and 35mm camera systems. Unique 5-character automatic data imprint. Energy-dispersive X-ray accessory. Full X-ray protection.



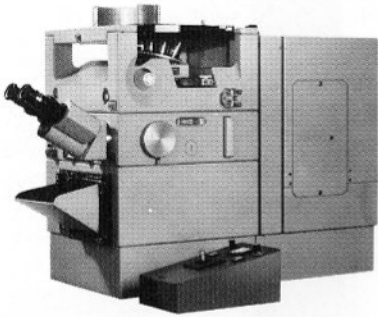
**Particle Size Analyzer TGZ 3A  
for Automatic Data Analysis**  
Measures and counts particles directly from electron micrograph or photomicrograph. Of great value in air pollution studies. Provision for on-line or off-line computer analysis. Shown here is the automatic model.



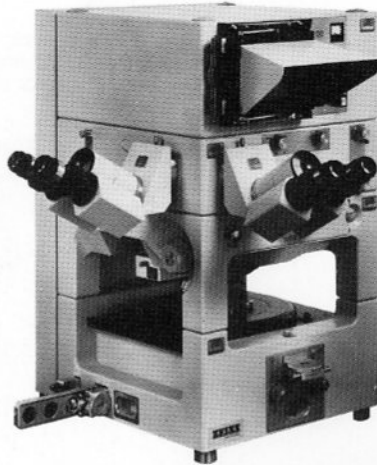
**Stereomicroscope I**  
On the left is the Stereo I, a true high-resolution instrument with quick magnification changer in 3 parfocal steps. Perfectly flat image from edge to edge. Wide-field eyepieces.

**Zoom Stereomicroscope IVB**  
The versatile Stereo IVB on the right has a zoom range of 1:6 and offers almost unlimited options: for polarized light, transmitted or reflected illumination, many different specimen stages, attachments for photography in all formats, for drawing and dual observation. A variety of stands available.

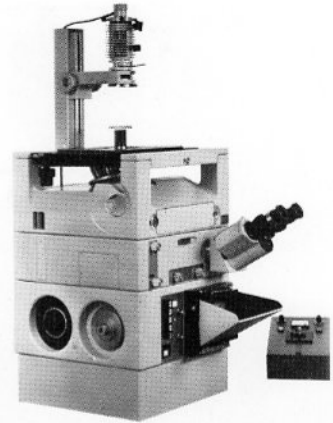
# ...from the revolutionary new Axiomat, the modular microscope of the 21st century...



**Axiomat for inverted reflected-light microscopy** — the finest, most stable metallograph ever made



**Axiomat for upright transmitted (and reflected) light microscopy** — Ideal for biology and medicine.



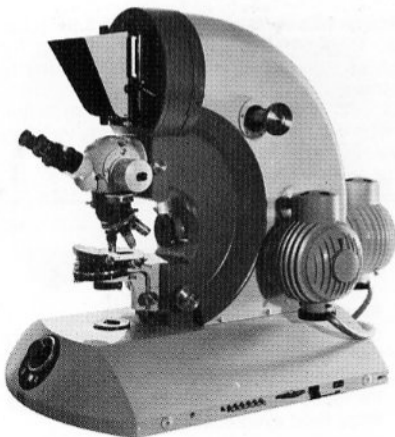
**Axiomat for inverted transmitted-light microscopy.** The only such instrument that permits all types of quantitative microscopy and, simultaneously, fully automatic photography.

## Axiomats—for every purpose

A revolution in microscope design that puts the optical axis where it belongs — along the axis of symmetry. This results in ultimate stability for the most critical requirements in photomicrography and quantitative techniques, such as scanning microspectrophotometry and micointerferometry. The building-block concept permits the combination of modules for any application without any compromise and for all known microscope methods. Newly computed optics cover extremely wide fields with unparalleled resolution — to the limits of light microscopy. In addition, Axiomats

incorporate all features for optimum image display and documentation: 4:1 zoom projection between two real intermediate images of superb image quality, completely parfocal to all image planes, which greatly simplifies measurement and calibration, visual aids, reference reticules, micrometers, pointers, etc.; dual observation; two built-in, fully automatic camera systems, 35mm and 4x5", in one module.

Shown here are just three of the many configurations that can be assembled from the 12 basic modules.



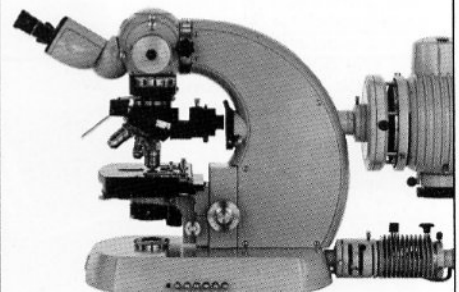
## Ultraphot IIIB

A complete photomicrographic and photomacrographic laboratory. For all microscope techniques in transmitted and reflected light. Continuous magnification from 2.5x on the unique and convenient automatic 4x5" camera system with correct exposure reading from the center of the image field. (Accepts other film formats as well.) 3 lamp housings can be simultaneously mounted; the flip of a lever selects the illumination source and mode.



## Photomicroscope III

The famous research microscope with fully integrated, completely automatic 35mm camera system built into the stand. And now even more compact with all the electronics and controls built into the base. Also new—a unique computer-flash for living material, and a highly sensitive automatic exposure system that works with 98% of the light directed to the film. Accepts auxiliary documentation and observation equipment, such as the Glarex Projection Screen (shown).



## Universal Microscope

(Shown with III RS illuminator and fluorescence attachments). Recognized as *the most* universal microscope. Accepts all accessories and all camera formats, including TV. Fully interchangeable optics and components for transmitted and reflected light, bright-field and dark-field, Nomarski interference contrast, phase contrast, polarization, fluorescence, Epi-fluorescence, and U. V.

