

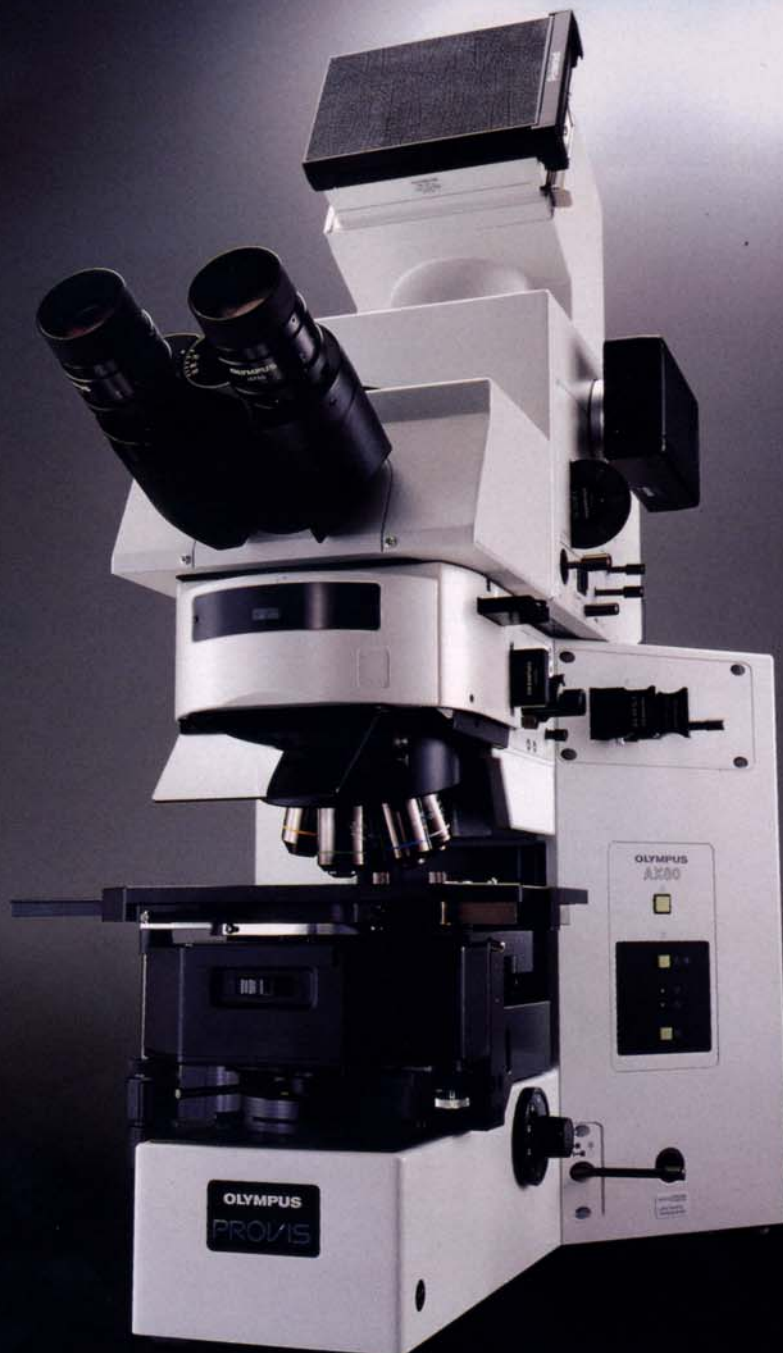
OLYMPUS®

AUTOMATIC RESEARCH
PHOTOMICROSCOPE

AX80

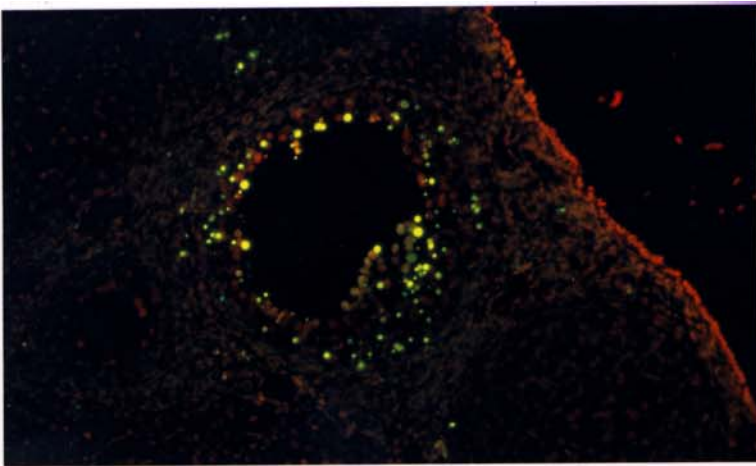
Olympus is about life. About photographic innovations that capture precious moments of life. About advanced medical technology that saves lives. About information- and industry-related products that make possible a better living. About adding to the richness and quality of life for everyone. Olympus. Quality products with a **FOCUS ON LIFE**

PROVIS



PROVIS





Mouse ovary (PI+FITC)



PtK₂ cell (DIC image)

Expanding the realm of leading-edge research with sophisticated automation and photo

WORLD CLASS OPTICS

Exceptional image resolution and contrast

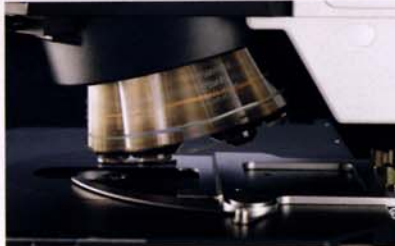
Superior image resolution and contrast are achieved in any observation method thanks to the Olympus original UIS infinity-corrected optical system. In this system, light travels from the objective through the body tube as parallel rays to be focused by the telan lens for an aberration-free image. Attachments can be added between the objective and the telan lens without resulting in magnification alterations to the total magnification.



AUTOMATIC OPERATION

Simplified method changeover & reliable recording

The AX80 offers an excellent level of automation thanks to the motorization of its revolving nosepiece, universal condenser, field stop for transmitted illumination and filter changeover, and its advanced auto focus and universal photo system. Optimum observation images are delivered with ease when the multicontroller is used to designate observation method and objectives. Reflected light fluorescence observation is achieved simultaneously with another observation method courtesy of motorized changeover of excitation wavelength.



AUTO FOCUS

Revolutionary auto focus system

The AX80 incorporates a revolutionary auto focus system delivering precise auto focusing for objective magnification — 1.25x, 2x, 4x, 10x, 20x, 40x and 100x — in brightfield, darkfield, fluorescence*, polarizing* and Normaski DIC* observation methods. One-shot mode delivers a super-fast auto focus speed of 0.3-2 seconds for brightfield observation. The AX80 also offers the advantages of real-time mode. Focus thus remains sharp at all times regardless of objective or observation method changeovers or specimen movement.

* Require optional Memory Card.



