

LABOMED ATC 2000

WITH INFINITY CORRECTED OPTICS

ADVANCED RESEARCH MICROSCOPE SYSTEM

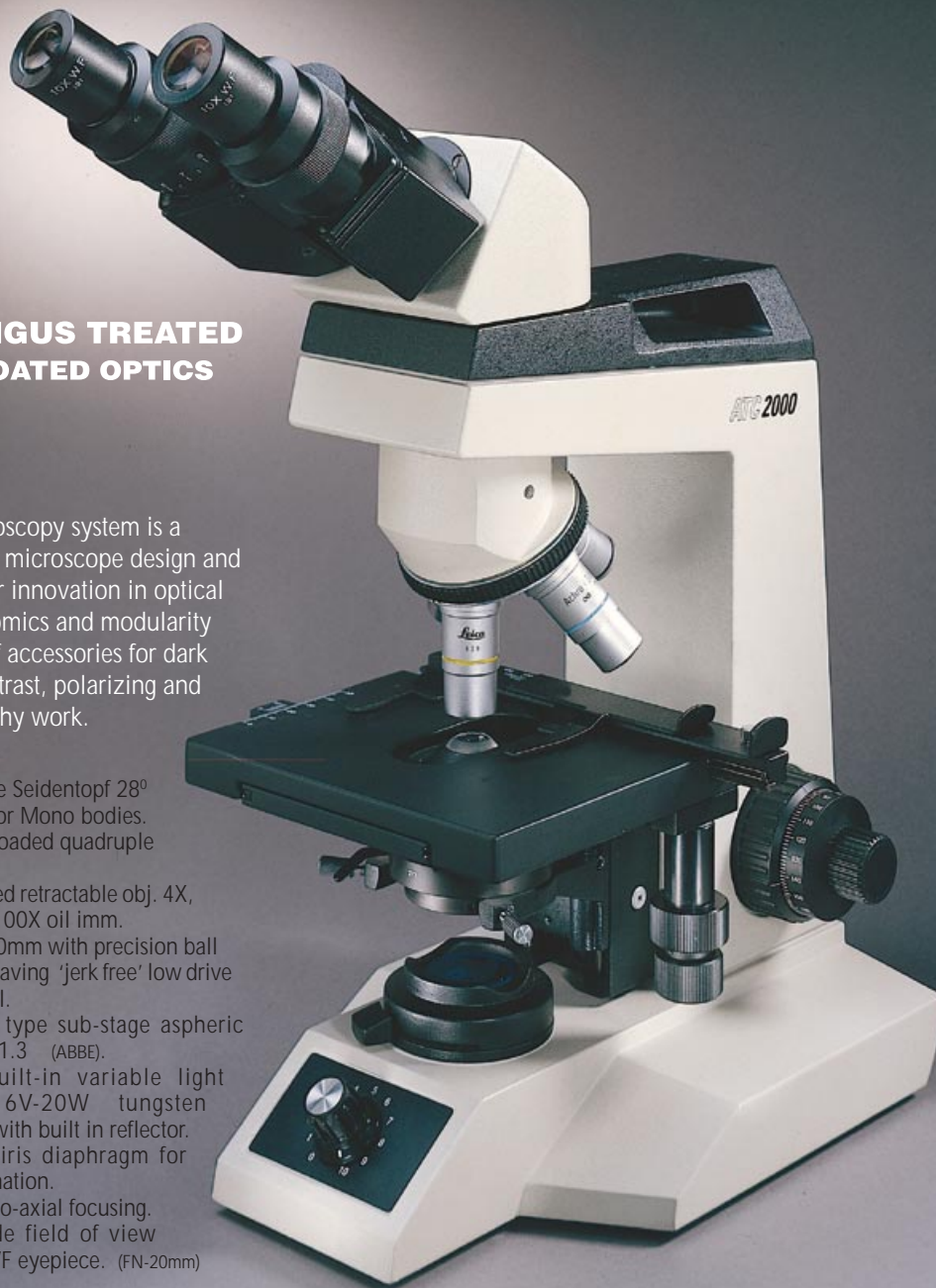
In collaboration with LEICA - USA



ANTI-FUNGUS TREATED H E A COATED OPTICS

ATC-2000 microscopy system is a breakthrough in microscope design and represents major innovation in optical imaging, ergonomics and modularity with a choice of accessories for dark field, phase contrast, polarizing and microphotography work.

- Interchangeable Seidentopf 28° Bino or Trino or Mono bodies.
- Inward spring loaded quadruple nosepiece.
- Infinity corrected retractable obj. 4X, 10X, 40X and 100X oil imm.
- Stage 140 x 140mm with precision ball bearing slides having 'jerk free' low drive co-axial control.
- Front loading type sub-stage aspheric condenser NA 1.3 (ABBE).
- Base with built-in variable light illuminator 6V-20W tungsten halogen lamp with built in reflector.
- Built-in field iris diaphragm for Koehler illumination.
- Ultra positive co-axial focusing.
- Expanded wide field of view through 10X WF eyepiece. (FN-20mm)



ATC 2000 - TRINOCULAR SYSTEM & ACCESSORIES PROVIDE SUPERB VERSATILITY FOR RESEARCH WORK



CCTV/VIDEO PROJECTION SYSTEM

Video projection system comprising of 'C' mount, CCD High Resolution - Low LUX Camera with power supply is available to match the latest trend in microprojection. The camera can be mounted on any trinocular or dual viewing attachment for use with 14" High gain colour monitor.

MICROPHOTOGRAPHY EQUIPMENT

The Trinocular head of the Microscope is designed to permit quick change from normal viewing position to photographic position which permits maximum light availability to the camera tube. The equipment comprises of a suitable adapter, photo eyepiece, cable release, SLR camera body with right angle view finder. The camera pack has a built-in automatic exposure meter and selection guide to optimize the exposure according to film speed and level of illumination.



Range of Viewing Tubes

PLANACHROMATIC PHASE CONTRAST EQUIPMENT

The standard phase contrast equipment permits transparent unstained specimen such as tissues, living cells and micro organisms, etc. to be observed or photographed without staining with remarkable contrast and resolution. The special non-reflective multilayer coating applied to the phase ring of objectives ensures superb quality of image.

The equipment comprises of four objectives-phase-plan achromat 10x, 20x, 40x and 100x. The turret condenser has phase positions (10x, 20x, 40x and 100x) and extra positions for dark field and bright field with iris diaphragm. The equipment comes with centering telescopic eyepiece and high transmittance green filter.

DUAL VIEWING ATTACHMENT

To facilitate multi-viewing and teaching, the microscope can be fitted with a dual viewing attachment without loss of illumination, resolution and contrast. The computer designed optical system allows two persons to observe the specimen simultaneously. Both the viewers get the image with same colour intensity and orientation. An electronic built-in pointer with a joy stick allows easy identification of specimen and discussion as the pointer is illuminated in green. The dual viewing head can be combined with camera or CCTV system by replacing one of the binocular tubes to allow additional accessories or a Trinocular Tube.

OPTIONAL ACCESSORIES



Micro Photography



Phase-Contrast Equipment



Dual Viewing Attachment



Plan Achromat Objectives

DUE TO CONTINUOUS DEVELOPMENT WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE

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