

EXC-500 Microscope Series

**Clinical Microscopy,
Superb Optics,
True-color LED
Eco-illumination**

UPRIGHT MICROSCOPE
FOR CLINICAL,
LABORATORY,
RESEARCH
& FLUORESCENCE
APPLICATIONS



Delivering quality through vision

EXC-500 Microscope Series

ACCU-SCOPE's new EXC-500 Series offers best-in-class performance and value for clinical laboratory and research applications. The newly designed NIS optical system provides sharp, crisp images via Plan or S-Plan APO objectives.

The EXC-500 Series' modular design is compatible with many accessories for research, fluorescence, phase contrast and darkfield applications.

SPECIFICATIONS

Viewing Bodies	Binocular or trinocular (0:100, 100:0, 80:20 split), 30° inclined Siedentopf or ergonomic (0° to 35° adjustment angle) type viewing head, rotatable 360°; interpupillary distance adjustment 47-78mm <i>Optional multi-viewing platforms are available</i>
Optical System	Infinity optical system, f = 200mm, anti-mold
Objectives	Standard configurations include NIS Infinity Corrected Plan 4x, 10x, 40xR* and 100xR* oil (*spring-loaded)
Eyepieces	WF10x/22mm focusable eyepieces with eyeguards are locked-in to prevent tampering; eyepiece accepts a 26.5mm reticle <i>Optional 15x and 20x eyepieces are available</i>
Nosepiece	Reversed sextuple ball bearing nosepiece with positive click stops to ensure parcentration
Focusing System	Coaxial focusing system with adjustable tension control and upper limit stop to prevent accidental damage to slides; all metal gears, brass for fine focus gear
Stand	Cast alloy aluminum
Stage	Mechanical stage with Gorilla™ glass insert and tension adjustable controls; size 302mm x 152mm with X-Y movement range of 78mm x 54mm
Condenser	Achromat swing-out condenser, N.A. 0.9/1.25 (2x—100x) on a rack and pinion with iris diaphragm
Illumination	3 watt LED Eco-illumination with variable intensity control; LED bulb is rated for over 25,000 hours of continued use; universal power supply 110-240v
Accessories	Dust cover, instruction manual included
Optional Accessories	Fluorescence attachments; Phase contrast attachments; NIS Plan achromat objectives, infinity corrected: 2x, 20x, 50xR oil, 60xR or 100xR oil with iris diaphragm; NIS S-Plan APO objectives: 4x, 10x, 20x, 40xR, 100xR oil; 6-position phase contrast turret condenser, BF & DF positions: 10x, 20x 40x & 100x phase annuli; condensers; reticles; gout kit; microscope carry case
Warranty	5 year limited warranty for parts, labor and electronic components; 1 year warranty on LED bulb

Design, features and specifications are subject to change without notice.



EXC-500
With ScopeLED®
Fluorescence
Illuminator



EXC-500
With FRAEN®
Fluorescence
Illuminator

ISO 9001

Certification

Design and production adheres to ISO 9001 international quality standard.

ISO 14001

Certification

Design and production meets the Requirements of international standard ISO 14001 for environmental management.



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