

# 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*

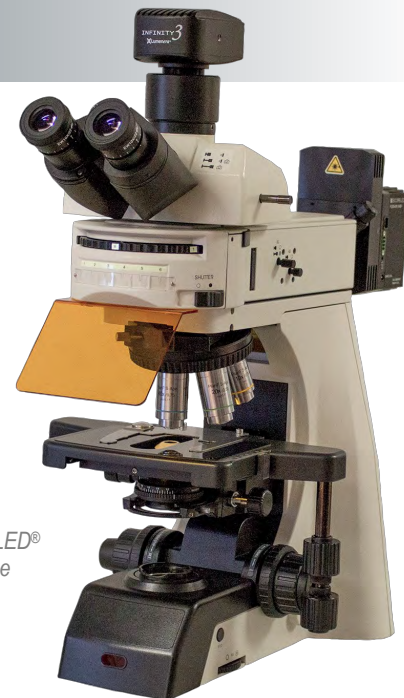
# EXC-500 Microscope Series

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

<b>Viewing Bodies</b>	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>
<b>Optical System</b>	Infinity optical system, f = 200mm, anti-mold
<b>Objectives</b>	Standard configurations include NIS Infinity Corrected Plan 4x, 10x, 40xR* and 100xR* oil (*spring-loaded)
<b>Eyepieces</b>	WF10x/22mm focusable eyepieces with eyeguards are locked-in to prevent tampering; eyepiece accepts a 26.5mm reticle <i>Optional 12.5x, 15x and 20x eyepieces are available</i>
<b>Nosepiece</b>	Reversed sextuple ball bearing nosepiece with positive click stops to ensure parcentration
<b>Focusing System</b>	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
<b>Stand</b>	Cast alloy aluminum
<b>Stage</b>	Mechanical stage with Gorilla™ glass insert and tension adjustable controls; size 302mm x 152mm with X-Y movement range of 78mm x 54mm
<b>Condenser</b>	Achromat swing-out condenser, N.A. 0.9/1.25 (2x—100x) on a rack and pinion with iris diaphragm
<b>Illumination</b>	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
<b>Accessories</b>	Dust cover, instruction manual included
<b>Optional Accessories</b>	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
<b>Warranty</b>	5 year limited warranty for parts, labor and electronic components; 1 year warranty on LED bulb



EXC-500  
With ScopeLED®  
Fluorescence  
Illuminator



EXC-500  
With FRAEN®  
Fluorescence  
Illuminator

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

### 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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