

# EXC-400 Microscope Series

**Redefining Quality,  
Durability, Convenience  
& Efficiency for  
Clinical & Research  
Applications**

UPRIGHT MICROSCOPE  
FOR CLINICAL,  
LABORATORY,  
RESEARCH  
& FLUORESCENCE  
APPLICATIONS



*Delivering quality through vision*

# EXC-400 Microscope Series

ACCU-SCOPE's new EXC-400 Series is designed for a broad range of microscopy applications in clinical, academic and research environments. While ideal for routine observations, the EXC-400 can be configured for several contrast methods including brightfield, phase contrast, polarized light, Gout analysis, and fluorescence featuring integrated LED illumination and Chroma® filter sets.

With the standard trinocular head, the EXC-400 is camera-ready, and along with its standard features and optional component capabilities, the EXC-400 will meet the demands of even the most discriminating scientist.

## SPECIFICATIONS

<b>Viewing Bodies</b>	Trinocular—choose eyepiece/camera light distribution: 0:100 / 50:50 split or 100:0 / 0:100 split; 30° inclined, rotatable 360° <i>Optional: two-head front-to-back or side-by-side teaching configurations</i>
<b>Optical System</b>	Infinity optical system, f = 180mm, anti-mold
<b>Objectives</b>	Standard configurations include Infinity Plan achromat 4x, 10x, 40xR* and 100xR* oil (*spring-loaded); <i>Optional: Plan achromat 20x, 50x, 60x, and 100x dry; or NIS S-Plan APO or Plan Phase</i>
<b>Eyepieces</b>	WF10x/22mm focusable eyepieces with diopter adjustment and eyeguards <i>Optional: 15x/16mm (accepts 20mm reticle) and 20x/12.5mm eyepieces</i>
<b>Nosepiece</b>	Reversed quintuple 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>	Ceramic, hard-coated mechanical stage with low-position coaxial controls; size 175mm x 153mm with X-Y movement range of 76mm x 50mm
<b>Condenser</b>	Achromat swing-out condenser, N.A. 1.25 on a rack and pinion with iris diaphragm
<b>Illumination</b>	3 watt variable LED illuminator with variable intensity control and field iris diaphragm; LED bulb is rated for over 20,000 hours of continued use; universal power supply 110-240v
<b>Accessories</b>	Dust cover, instruction manual included
<b>Optional</b>	Plan achromat infinity objectives: 2x, 20x, 40xR, 50xR oil, 60xR, 100xR oil, 100x dry NIS S-Plan APO objectives: 4x, 10x, 20x, 40xR, 100xR Turret Phase contrast condenser 10x, 20x, 40x and 100xR Phase annuli and Plan Phase objectives Fluorescence attachments, fluorescence filter sets Phase contrast attachments Analyzer, polarizer, 360° rotatable polarizer; gout kit 45mm LBD, yellow, green and ND filters
<b>Warranty</b>	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.*

### ISO 9001

Design and production adheres to ISO 9001 international quality standard.

### ISO 14001

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

CE RoHS  
ANTI-MOLD



EXC-400  
With Optional  
Excelis HD  
Camera and  
C-Mount



EXC-400  
With Optional  
Excelis HD  
Camera & Monitor  
System and C-Mount



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