

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

Viewing Bodies	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>
Optical System	Infinity optical system, f = 180mm, anti-mold
Objectives	Standard configurations include Infinity Plan achromat 4x, 10x, 40xR* and 100xR* oil (*spring-loaded); <i>Optional: Plan achromat 20x, 50xR oil, 60xR, and 100x dry; or NIS S-Plan APO or Plan Phase</i>
Eyepieces	WF10x/22mm focusable eyepieces with diopter adjustment and eyeguards <i>Optional: 15x/16mm (accepts 20mm reticle) and 20x/12.5mm eyepieces</i>
Nosepiece	Reversed quintuple 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	Ceramic, hard-coated mechanical stage with low-position coaxial controls; size 175mm x 153mm with X-Y movement range of 76mm x 50mm
Condenser	Achromat swing-out condenser, N.A. 1.25 on a rack and pinion with iris diaphragm
Illumination	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
Accessories	Dust cover, instruction manual included
Optional	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
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.

ISO 9001

Design and production adheres to ISO 9001 international quality standard.

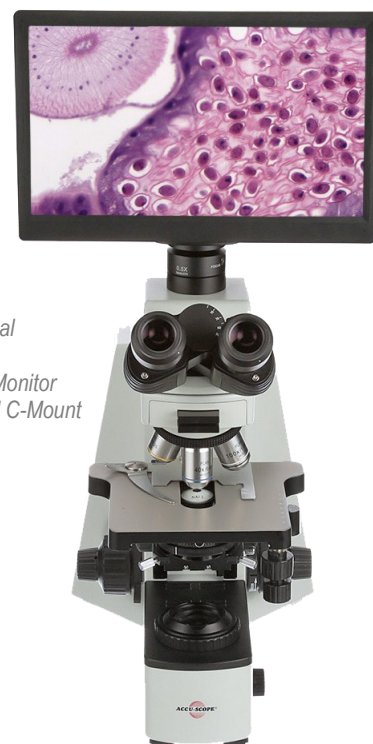
ISO 14001

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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