EXI-310 Inverted Microscope

HIGH PERFORMANCE
RESEARCH GRADE

INVERTED BIOLOGICAL
& TISSUE CULTURE MICROSCOPE
FOR TEACHING, CLINICAL,
LABORATORY APPLICATIONS

ACCU-SCOPE®

Delivering quality through vision

EXI-310 Inverted Microscope

ACCU-SCOPE's new EXI-310 Inverted Tissue Culture Microscope is the premier choice for observing cell and tissue cultures. With ultra-sharp, Infinity-corrected Plan optics, an extra-long WD condenser, and fluorescence capability, the EXI-310 delivers research-grade observation ideal for cell detection and cell transfection.

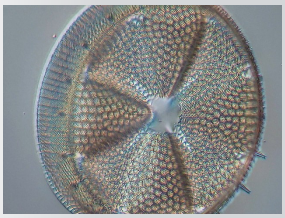
Choose from three standard configurations, or our modular system, which allows for total customization for live cell observation including brightfield, phase contrast, fluorescence, or any of these combinations.

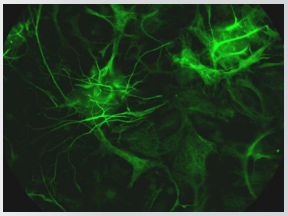
Options include: attachable mechanical stage with right-hand coaxial control, auxiliary stages, petri dish holder, glass slide holder & Terasaki holder.

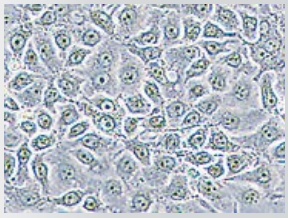
SPECIFICATIONS

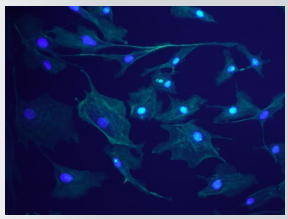
Optical System	AIS Infinity Optical System, anti-fungal
Observation Method	Brightfield, Phase Contrast, Epi-Fluorescence
Viewing Body	Trinocular inclined 45°; Interpupillary distance: 54-75mm, Siedentopf type; Eyepiece/camera port (standard): 100/0:80/20, Fluorescence: 100/0:0/100
Eyepieces	WF10x/22mm field of view focusable eyepieces with roll-down eyeguards *(Optional 15x/16mm and 20x/12.5mm)*
Nosepiece	Side facing quintuple nosepiece
Objectives	Select from: LWD Plan Phase 4x, 10x, 20x & 40x; LWD Plan 2x, 4x, 10x, 20x, 40x & 60x; LWD Plan Fluor 4x, 10x, 20x, 40x & 60x; LWD Plan Fluor Phase: 20x & 40x
Stage	Fixed plain stage size 160mm x 250 with glass and aluminum insert plates *(Optional attachable mechanical stage, right hand coaxial control 120mm x 78mm)*
Holders	∅35mm petri dish holder, ∅54mm dish and hemocytometer/glass slide holder, Terasaki plate holder
Condenser	ELWD condenser, N.A. 0.3, W.D. 72mm
Slider	Pre-centered phase slider 4x/10x, 20x/40x annuli and BF position; secondary slider for filters for enhanced illumination techniques
Stand	Cast alloy aluminum
Illumination	5 watt LED with variable intensity control; LED bulb is rated for over 25,000 hours of continued use; universal power supply 110-240v
Epi-Fluorescence	LED, Metal Halide or Mercury
Focusing	Coaxial coarse and fine focusing system with adjustable tension control; all brass gears
Accessories	Filters: Green 550nm interference *(with Phase units only)* and ground glass *(Optional: 45mm SIF800 infrared interference; ND25 or ND50 filters);* Dust cover, instruction manual
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
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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