

INFINITE PLAN OPTICAL SYSTEM LIFE SCIENCE MICROSCOPE

Superb Optics, Durable and High Performance

With a newly designed infinity plan optical system, a best in class 20mm field of view and a super-bright 3 watt LED illuminator



SPECIFICATIONS

Optical System	Infinity Optical System, f=180mm, Anti-Mold
Viewing Head	Siedentopf type, inclined 30°; interpupillary distance adjustment 48-75mm, 360° rotatable; available in binocular or trinocular configurations
Eyepieces	WF Plan 10x eyepiece, 22mm field of view with built-in diopter adjustment;
Nosepiece	Rear facing quadruple, ball bearing nosepiece with positive click stops to ensure parcentration
Objectives	Infinity Plan achromat 4x (N.A. 0.10), 10x (N.A. 0.25), 40xR* (N.A. 0.65), 100xR oil* (N.A. 1.25) are standard — (*spring-loaded)
Stage	Stage size 216mm X 150mm with X-Y movement range of 75mm X 55 mm
Condenser	N.A. 1.25 Abbe condenser (with slot for sliders) on a rack and pinion with iris diaphragm; glass lens in condensing system protects iris diaphragm from classroom tampering
Focusing System	Coaxial Coarse & Fine Focusing knob. Fine Focusing scale value 0.001mm.Coarse Focusing Travel 37.7mm/circle.
Illumination	3 watt LED with variable intensity control; LED bulb is rated for over 25,000 hours of continued use
Accessories	Dust cover, immersion oil and instruction manual, universal power supply 110v-240v
Stand	Cast alloy aluminum; coaxial coarse and fine focusing controls. Physical Weight: 16lbs. Microscope Dimensions (LWH): 387mm x 196mm x 391mm

OPTIONAL ACCESSORIES

Digital Imaging	AU Series CCD and CMOS Cameras and image analysis software,
Eyepieces	WF15x/16mm field of view with built-in diopter (accepts 20mm reticle) WF20x/12.5mm field of view eyepiece with built-in diopter (does not accept a reticle)
Objectives	Infinity plan achromat 20x, 50xR* oil and 60xR*; 10x, 20x, 40xR* or 100xR* Infinity Plan Phase objectives
Phase Contrast	Phase sliders for 10x/BF/40x and 20x/BF/100x; Darkfield sliders; Simple polarizer/analyzer
Miscellaneous	Optional cord hanger, field diaphragm and carry case, Darkfield slider (4x – 40x), Simple polarizer/analyzer
Warranty	3 year limited warranty for parts, labor and electronic components; LED bulb warranted for 1 year



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