

EXC 500



Optical System: NIS60 Infinity Optical System, 60mm Par focal Distance-25mm Apertures: Anti-Mold

Illumination: 3 watt S-LED with variable intensity control; LED bulb is rated for over 25,000 hours of continued use: Daylight 5600+ Degrees Temp, Eco Illuminator Module Integrated Fly-Eye Illuminator

Viewing Heads: Siedentopf Style: Interpupillary Adjustment 47mm-78mm, Rotatable 180 degrees for Eye point Adjustment
 Trinocular: Ergonomic Tilting (0-30 degrees), 3 position slider (100% Visual, 100% photo, 20% Visual\80% Photo Simultaneous Split)
 Trinocular: Fixed 30 Degree, 3 position slider (100% Visual, 100% photo, 20% Visual\80% Photo Simultaneous Split)
 Binocular: Ergonomic Tilting (0-30 Degrees) or Ergonomic Tilting\Telescoping (0-30degree tilt-50mm Telescoping)

Eyepieces: WF 10x eyepieces (22mm F.O.V): WF 12.5x (F.O.V 16mm) : WF 15x Eyepieces (16mm F.O.V) : WF 20x Eyepieces (12.5mm F.O.V) with built-in diopter adjustment;

Nosepiece: Reverse facing Sextuple, ball bearing nosepiece with positive click stops: Nomarski DIC Sextuple Nosepiece with Analyzer slot

Objectives: Plan APOchromat : 2x (N.A. .10), 4x (N.A. 0.20), 10x (N.A. 0.50), 20x (N.A.0.75), 40 x(N.A. 0.95 w\CC), 6 0x oil (N.A 1.40), 100x oil (N.A. 1.40), 100x oil (N.A 1.45)
 S Plan APOchromat: 4x (N.A. 0.13), 10x (N.A. 0.25), 20x (N.A. 0.50), 40x (N.A. 0.65), 40x oil (NA.A 1.30), 60x (N.A 0.85), 60x oil (N.A 1.25), 100x oil* (N.A. 1.30)
 Plan Achromat: 2x (N.A. 0.08), 4x (N.A. 0.10), 10x (N.A. 0.25), 20x (N.A. 0.45), 40x (N.A. 0.65), 60x (N.A 0.85), 100x oil* (N.A. 1.25)
 Phase Options: Plan APOchromat DM phase, Plan S-APOchromat DL phase, Plan Ahcromat Phase

Stage: Gorilla Glass Indestructible Surface: Stage size 302mm X 152mm : Mechanical X-Y movement range of 78mm X 54 mm: User adjustable XY tension
 Ceramic plain Stage for slide manipulation by hand

Condenser: Flip top Abbe condenser (with slot for sliders) on a rack and pinion with iris diaphragm; N.A 1.25
 Phase Turret Condenser: PHL, PH1, PH2, PH3 and BF position, N.A. 1.25:
 Universal DIC condenser: 7 positions for DIC, PH, BF, Darkfield

Focusing System: Coaxial Coarse (2um) and Fine focusing (1um) system with adjustable tension control and upper limit focus stop : all brass metal gears, brass fine focus gear

Fluorescence Option: 6 Position Turret (Manual\Motorized) with Selectable LED, Metal Halide or Mercury Illumination: Optional integrated Single Line LED illuminator

Warranty: Five Year Factory Warranty for Electrical, Mechanical and Optical