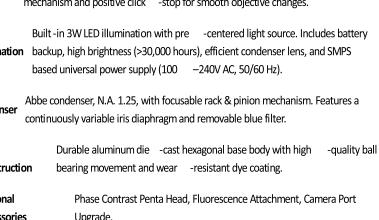


## Technical Specification

Optical System Plan Infinite Strain -Free Optical System with multi -layer coatings, uniformly centered, interchangeable, parfocal, and treated with anti -fungal coatings for enhanced durability and performance.

Plan Achromatic Objectives (Anti -Fungal Treated):

- 4X / N.A. 0.10 / W.D. 18.5 mm
- 10X / N.A. 0.25 / W.D. 10.6 mm
- 2. Objectives
  - 20X / N.A. 0.45 / W.D. 2.4 mm
  - 40X (Spring Loaded) / N.A. 0.65 / W.D. 0.6 mm
  - 100X Oil (Spring Loaded) / N.A. 1.25 / W.D. 0.13 mm
- Wide field eyepiece WH 10x (FN 22 mm), paired with diopter adjustment and 3. Eyepiece height calibration.
- Binocular observation tube, 30° inclined and 360° rotatable. Includes seal and Viewing Head signature support for anti -reflection optical coating.
- Low drive co -axial mechanical stage, size approx. 125mm x 145mm (+/ -5mm), Mechanical with X -Y travel range of 50mm x 76mm (+/ - 5mm). Includes slide holder and Stage position vernier scale.
- **Focusing** Co-axial coarse and fine focus system with tension adjustment. Coarse focus range: 20 mm; fine focus resolution: 0.2 µm per rotation. System
- Quintuple (5 -hole) inward revolving nosepiece with precision ball -bearing 7. Nosepiece mechanism and positive click -stop for smooth objective changes.
- 8. Illumination backup, high brightness (>30,000 hours), efficient condenser lens, and SMPS
- 9. Condenser continuously variable iris diaphragm and removable blue filter.
- Construction bearing movement and wear -resistant dye coating.
- Optional Accessories Upgrade.





**BINOCULAR** 

**MICROSCOPE** 

















