



### Specifications

- **Optical System:** Infinity Corrected Optical System with 60mm parfocal distance
- **Viewing head:** Ergo. titling trinocular head, adjustable from 0° to 45°, interpupillary distance 47-78mm, beam split ratio for eyepiece/camera port=100:0/80:20/0:100
- **Nosepiece:** Backward Quintuple Coded Nosepiece, with slot for DIC Plate & Analyzer
- **Eyepiece:** Wide field eyepiece WF10x/22mm, diopter adjustment +/-5, tube diameter:  $\Phi$ 30mm
- **Objectives:** Infinite Plan Achromatic Objective 4x, NA 0.10, WD: 30mm  
Infinite Plan Achromatic Objective 10x, NA 0.25, WD: 10.5mm  
Infinite Plan Achromatic Objective 20x, NA 0.40, spring loaded, WD: 13.36mm  
Infinite Plan Achromatic Objective 40x, NA 0.65, spring loaded, WD: 0.7mm  
Infinite Plan Achromatic Objective 60x, NA 0.80, spring loaded, oil, WD: 0.35mm
- **Stage:** Synchronous belt platform stage 235mmx150mm, with specimen holder for 2 glass slides, with right-side movement mechanism with a height of no more than 135 mm. moving travel X/Y: 78mmx54mm
- **Focusing:** Low-hand position coarse and fine coaxial focusing mechanism, Coarse Stroke 37.7mm per Rotation, Fine division 0.002mm, Fine Stroke 0.2mm per Rotation, focal Distance 28mm, With adjusting elastic device and upper limit, with platform up and down adjustment mechanism, the height of the stage bracket group is adjustable
- **Condenser:** Abbe condenser NA1.25 with slot for phase contrast plate and dark field plate, with magnification scale indication
- **Illumination:** 5W LED module, with Full-Köhler illumination, color temperature and brightness adjustable. Matrix lens for uniform field illumination. The brightness of the entire field of view is uniform. The color temperature can be adjusted from 3000K to 7000K according to the user needs. Identify and display the band on the LCD screen.
- **LCD Screen:** LCD display showing the status of the microscope including: illumination intensity, ECO mode, Illumination Intensity Management (LIM) when changing objectives; objective name and objective magnification, color temperature adjustable, standby status, lock etc.
- **ECO function:** The ECO function is able to avoid unnecessary loss of energy. The illumination of the microscope automatically switches off shortly after microscopists step away from their position for some time (the time can be pre-set as user need)
- **Supplied with:** Dust cover, green filter, manual, immersion oil
- **Others:** Ability to work with a small 1x magnification lens from the manufacturer