



Specifications

- **Optical System:** Infinity Corrected Optical System with 60mm parfocal distance
- **Viewing head:** Trinocular head, adjustable from 30°, interpupillary distance 47-78mm, beam split ratio for eyepiece/camera port=100:0/80:20/0:100
- **Nosepiece:** Motorized backward Sextuple Coded Nosepiece, with slot for DIC Plate & Analyzer
- **Eyepiece:** Super wide field eyepiece SWF10x/25mm, diopter adjustment +/-5, tube diameter: Φ30mm
- **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
 - Infinite Plan Achromatic Objective 100x, NA 1.25, spring loaded, oil, WD: 0.22mm
- **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, focusing mechanism 30 mm. Coarse focusing 9.33 mm per rotation and fine focusing 0.1 mm per rotation.
down adjustment mechanism, the height of the stage bracket group is adjustable
- **Condenser:** Motorized achromat swing-out 1x-100x Condenser
- **Illumination:** 5W LED module, LED consisting of a combination of a facet lens and a light source for better illumination over the entire field of view, 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
- **Power consumption:** 5W
- **Others:**
 - Ability to attach an epifluorescence attachment with a minimum of 6 filter cubes.
 - Ability to work with a low magnification objective 1x from the manufacturer