



The excellent appearance
in accord with ergonomic design

Integrated body design
makes products maintains
long-term stability.

High quality 3W LED lamp
and long usage life.

Optical Systems: Plan achromatic optics, antifungal & antireflection
Coated

Magnification: 4x, 10x, 40x, 100x (40x to 100x), (60x and 80x optional)

Observation Head: Sidetoph Trinocula/Binocular head inclined at 30 deg.,
Swivelling 360 deg. rotatable. with Interpupillary distance of 48-75mm. Three
Way trinocular tube with simultaneous view on camera and eye piece.

Nose-Piece: Quadruple Nose Piece.

Eye-piece: Wide Field 10x eye-piece with 25mm/25mm
F.O.V (Anti-Fungal) with rubber eyecups.

Mechanical Stage: 210mm X 140mm and X/Y travel range
90mm x 70mm with upper limit stopper, hard ceramic surface
dual slide holder.

Division: 0.1m Low drive right side movement

Objective:

- Plan-achromat/Hi PLAN/ 4X NA 0.10
- Plan-achromat/Hi PLAN/ 10X NA 0.25
- Plan-achromat/Hi PLAN/ 40X NA 0.65
- Plan-achromat/Hi PLAN/ 100X NA 1.3

Condenser: Swing out condenser/Universal condenser for adaptation of
switchable condenser heads, NA 0.90 suitable for bright field, phase contrast,
and fluorescent. Iris diaphragm with frosted white filter, antifungal & anti-reflection
coated. Rack and pinion movements on stainless steel guides

Focussing Control: Two step Co-axial coarse and fine focussing on both
sides, gear systems for smooth operation. Fine Adjustment

Transmitted illumination: 10W LED illumination, variable control, Up to
60,000 hours of LED life. Universal input 110V-240V AC, 50/60Hz
(with battery backup-optional)

Filters: Single Immuno Fluorescence.

Fluorescent illumination: Fluorescence imaging function: LED base
illumination with LED Light(s) time of 60,000 hours with intensity controller.

FLUORESCENT MICROSCOPE AFM-50

