



TRINOCULAR
**FLUORESCENCE
MICROSCOPE**

AFM-400



AFM-400 is a dedicated Epi-Fluorescence microscope most suitable for beginners with affordable priced.

Incorporating Infinity corrected optical system and employing plan objectives lenses as standard of image clarity and flatness in a wide range of observation methods Siedentopf observation head, double-plate stage, inward nosepiece reduces fatigue during long observations.

Upgradable with phase contrast, simple polarizing, Dark field observations with Digital Photomicrography.



Technical Specifications

Trinocular Observation Head

- Siedentopf observation head inclined at 30° rotatable at 360°.
- Diopter adjustment ring on ocular tube.
- Interpupillary distance from 55mm to 75mm.

Eyepieces

Extra wide field 10X (paired) F.O.V. 22mm.

Objectives

(Spherochromatic aberration infinity fluorescence)

- Flour Plan 4X
- Flour Plan 10X
- Flour Plan 40X
- Flour Plan 100X

Mechanical Body

- Co-axial focusing system provided PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING is available on right & left side respectively.
- The mechanical stage is 210mmX140mm and has co-axial low positioned controls.
- The built-in-base illumination system is incorporated.
- 3V high brightness white LED, adjustable brightness .

Excitation Filters

- B Excitation (460nm-470nm) standard.
- G Excitation (520nm-530nm) standard.
- V Excitation (390nm-400nm) standard.
- UV Excitation (360nm-370nm) standard.

Light Source

- Transmitted light source: 3V LED bulb.
- Epi-fluorescence light source 3V high brightness LED lamps. Enable selecting monochromatic or dichromatic LED for light source.

Standard Accessories

Fuse tube, power cord, instruction manual, dust cover, power supply for LED lamp, blue filter and styrofoam molded pack.

Optional Accessories



Digital camera attachment



Polarizer analyzer attachment



Dark field attachment



Phase contrast attachment