

Biological Microscope

XY-RFL

Fluorescence Microscope

Product Features

- Infinity Plan semi-apochromatic fluorescence optical system
- T-shaped body with firm structure and ergonomic design
- Good radiant and anti-fungus system

The XY-RFL Laboratory fluorescence microscope, designed for biomedicine cell detection, immuno-fluorescence analysis, cell culture observation, fluorescence in situ hybridization (fish). XY-RFL combine profession fluorescence filter system, optical material and broadband multilayer coating, mold proof, heat insulation and safety protection system, mercury lamp, digital power supply control. Swallow tail slide switch easy to change filter cubes, three paths for fluorescence and one for bright field, four filter can be mounted. OMEGA brand professional fluorescence filter cubes achieve excellent performance



XY-RFL The Professionally design for fluorescence microscope

Head	Seidentopf Trinocular Head inclined at 30°, Interpupillary Range 54mm-75mm
Eyepiece	Pair of PL10X/22 , FN22mm wide-field high eye-point Plan eyepiece with 1 pointer
Objective	Reversed quintuple nosepiece with Infinity Plan semi-apochromatic objective 4X(NA0.13), 10X(NA0.30), 20X(NA0.50), 40X(NA0.75), 100X (NA1.28)
Focus	Coaxial focus system with tension adjustable, Coarse focusing scope is 25mm with upper limit and tightness adjustment, fine adjustment precision: 0.002 mm
Stage	Double layer Mechanical Stage with coaxial drive control Size: 175mm X 145mm, move range 76x50 mm, precision 0.1mm, damped specimen retainer
Condenser	NA 1.2/0.22 swing-out type achromatic condenser ,with alterable aperture diaphragm, the center of condenser can be adjusted by rack and pinion.
Illumination	Transmitted 100V-240V fluctuate of Voltage, 6V30W halogen, pre-centered, intensity adjustable, telecentric Koehler illumination with alterable field diaphragm Reflected XYRFA kohler reflected illuminator, 90-245V digital mercury power supply, 100W mercury lamp with center and focus adjustable, OMEGA optical band pass filter cubes: UV1/B1/G1
Option	CTV adaptor , 1.4M pixels cold CCD 2/3" etc.

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