

XDY-1 Inverted & Reflected Fluorescence Microscopes

XDY-1 Inverted & Reflected Fluorescence Microscopes is composed with inverted microscope and reflected fluorescence microscope, equipped with long working distances plan achromatic objectives and wide field eyepieces, you can use long working distance phase contrast objectives and special long working distance condenser with phase contrast unit when inverted observation, and change the fluorescence excitation system freely. The microscope has clear image, wide field, compact framework, beauty sculpt and comfortable operation etc. It's mainly applied to observe the living cell and tissue, liquid and deposits etc, also to observe transparent living without staining and fluorescence slice up, it is the ideal instrument for researching in biology, cells cytology, oncology, genetics, immunology etc. The microscope can be used for scientific researching, medical treatment, epidemic prevention and animal husbandry etc.

Features:

- * With wide field eyepieces, Long distance plan achromatic objectives the field of view is widely and clear.
- * Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 2μm.
- * The mechanical stage movement mechanism can be taken out.
- * Equipped with phase contrast unit, include long working distance condenser, phase contrast objective and centering telescope.
- * Equipped with fluorescence unit, include four group of fluorescence filter.
- * 6V 30W halogen lamp transmission illumination with brightness control. 100W high voltage mercury lamp, with outside power supply unit.



XDY-1

Specification:

Model	XDY-1
Eyepiece	Wide field eyepiece WF10X(Ø20mm)
Objective	Long working distance plan achromatic objectives PL L 10X/0.25
	Long working distance plan achromatic objectives PL L 25X/0.40
	Long working distance plan achromatic objectives PL L 40X/0.60
	Long working distance plan achromatic phase contrast objective PL L 10*/0.25 PHP2
	Long working distance plan achromatic phase contrast objective PL L 25*/0.40 PHP2
	Long working distance plan achromatic phase contrast objective PL L 40*/0.60 PHP2
Eyepiece tube	Trinocular (Inclination of 30°, 100% image light for photography capable)
Coaxial/fine focus system	with tensional adjustable and up stop, minimum division of fine focusing: 2ē m
Nosepiece	Quintuple (Ball bearing inner locating)
Stage	Double layer mechanical (Size: 224mm*208mm, moving range: 112mm*79mm)
Filter	Frosted filter
	Blue filter
	Green filter
Shelf of specimen	Match to install I68mm or 77mmX29mm culture utensil
	Match to install 82mmX57mm culture utensil
	Match to install 128mmX85mm 96 holes culture utensil
Reflected fluorescence system	Mercury lamp house 100W/DC
	Power supply unit:AV:110V or 220V
	Fluorescence filter system B exciton wavelength:420~485nm
	Fluorescence filter system G exciton wavelength:460~550nm
	Fluorescence filter system UV exciton wavelength:330~400nm
	Fluorescence filter system V exciton wavelength:395~415nm
Turnplate phase contrast unit	Centering telescope
	Condenser Rack & pinion adjustable, NA=0.4,working distance: 50mm