

XDS-412



The xyl-412y inverted biological microscope is equipped with the excellent infinite optical system, long working distance plan objective, wide field eyepiece. The compact and stable high rigid body fully match the shockproof request of the microscope operation. The ergonomics ideal design meets the needs and makes operation more convenient & comfortable, and broad space available for the operator. The instrument is suitable for the microscopic observation of cell tissue and transparent liquid organization. It can also proceed dynamic microscope observation of cultured tissue in the petri dish. It is widely used in scientific research, college & university, medical treatment, inspection and quarantine and farming & stock raising and dairy industry department, etc.

Specification	
Optical system	infinite optical system
Viewing Head	Compensation Free Trinocular Head Incline at 45°(50mm-75mm)
Eyepiece	Plan WF10×/22mm
Objective	Infinity L.W.D.big numerical aperture plan apochromatic objective, 4×/0.15 (L.W.D.21.6mm) , cover-glass thickness 1.5mm 10×/0.3 phase contrast (L.W.D.3mm) , cover-glass thickness 1.5mm 20×/0.5 phase contrast (L.W.D.4.27mm) , cover-glass thickness 1.5mm 40×(S) /0.6 phase contrast (L.W.D.2.23mm) , cover-glass thickness 1.5mm
Nosepiece	Sextupe Nosepiece
Stage	Double layer mechanical stage
	Stage Size: 305mm×180mm
	Moving Range: 75mm×40mm
	Low XY adjusting hand wheel
Focusing	Coaxial coarse & fine focusing adjustment, fine focusing scale value 0.001mm
Light Source	3WLED,brightness adjustable
Condenser	Abbe condenser, working distance 28mm
Phase contrast device	Contrast table (28mm) , Centering telescope
Filter	Blue、 Green、 yellow and frosted glass
Optional	Eyepiece: WF10×/20mm, crosshair with reticule 0.1mm WF15×/17mm、 WF20×/12.5mm
	Abbe condenser, working distance 70mm, Phase contrast Truuent (70mm)
	Photography attachment and CCD C-mount: 0.5X、 0.57X、 0.75X
	Infinity L.W.D.big numerical aperture plan apochromatic phase contrast objective: 4X/0.15(W.D.21.6mm)、 40X/0.60 (W.D.2.23mm)
	1.3Mega、 2.0Mega、 3.0Mega、 5.0Mega、 1.0Mega pixels CMOS Digital camera eyepiece
	CCD Camera color 1/3 High resolution 700 TV lines
	Image analysis software