BIOBASE®

Inverted Fluorescence Microscope

Introduction:

The BM-38XII inverted fluorescence microscope consists of an epifluorescence microscope system and an inverted biological microscope system. It adopts an excellent infinity optical system, equipped with a long working distance flat field objective and a wide field eyepiece. The compact, stable and high-rigidity main body, the rotating swing-in and swing-out condenser system, and the epifluorescence microscope system adopt a modular design concept, which can safely and quickly adjust the lighting system and switch the fluorescent filter components. The product can be used for microscopic observation of cell tissues and transparent liquid tissues, and can also be used for fluorescence microscopy observation in the fields of biopharmaceuticals, medical testing, disease prevention, etc.

Technical Parameters:

Model			BBM-38XIID
Drawtube		Articulated drawtube,Inclined At45°	●
Total magnification		100X-400X(Eyepiece xObjective)	●
Mechanical Tube Length		○Infinite Distance	●
Plan Wide Field Eyepiece		WF10X/Φ22	●
Plane Infinite Achraomatic Objective		∞10X/0.25 WD4.3mm, ∞20X/0.40 WD8.0mm, ∞40X(S)/0.60 WD3.5mm	●
Plane Infinite Phase Contrast		∞10X/0.25 WD4.3mm, ∞20X/0.40 WD8.0mm, ∞40X(S)/0.60 WD3.5mm	●
Interpupil Distance		53-75mm	●
Nosepiece		Fivetuple Nosepiece	●
Double Layers Mechanical Stage		Stage Size: 260x208mm, Moving Range: 77x134.5mm	●
		Petri dish plate 1:86mm X129.5mm Petri dish plate 2:34mmX77.5mm Petri dish plate 3:57mmX82mm	●
Condenser		rotatable-Phase contrast condenser,working distance55mm	●
Exciting		UV: EX330-400nm V: EX395-415nm B: EX420-485nm G: EX460-550nm	●
Light Source	Epi-illumination	230V(110V)/100W mercury lamp、power supply box	●
	Transmission illuminate	Halogen Bulb 6V/30W Adjustable Brithtness	●
Computer Image-Forming system		Fluoresecent CMOS camera、adapter	●