

BS-2090 Inverted Biological Microscope




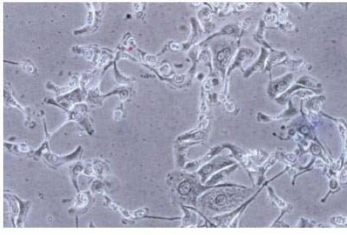
Introduction

BS-2090 Inverted Biological Microscope is a high level microscope which is specially designed for medical and health units, universities, research institutes to observe cultured living cells. It adopts an Infinite optical system, reasonable structure and ergonomic design. With an innovative optical and structure design idea, excellent optical performance and easy to operate system, this inverted biological microscope makes your works enjoyable. It has a trinocular head, so digital camera or digital eyepiece can be added to the trinocular head to take photos and videos.

Features

1. Excellent optical function with infinite optical system.
2. Innovative stand structure, sharp image display, convenient and special for viewing incubating cell tissue.

	<p>With LWD Infinite Plan Objective, Making Viewing Field Flatter and Brighter, Contrast Sharper, Living Cell Observing easier</p>
	<p>Advanced and Reliable Mechanical Stage with Knob Height and Tightness Adjustable</p>

	Different Holders for Various Observations
	With pre-centerable Phase Annulus, Available to Observe Low Contrast or Transparent Specimens

Applications

BS-2090 Inverted microscope is used by medical and health units, universities, research institutes for observations of micro-organisms, cells, bacteria and tissue cultivation. It can be used for continuous observation of process of cells, bacteria grow and divide in the culture medium. Videos and images can be taken during the process. This microscope is widely used in cytology, parasitology, oncology, immunology, genetic engineering, industrial microbiology, botany and other fields.

Specifications

Model		BS-2090	
Optical System	Infinite Optical System.	●	
Viewing Head	Trinocular Head, Inclined at 30°, Interpupillary Distance 48-75mm		
Eyepiece	High-point, Extra Wide Field Eyepiece EW10×/ 22	●	
Objective	LWD (Long Working Distance) Infinite Plan Objective	4×/ 0.1, WD 17.3mm	●
		10×/ 0.25, WD 10mm	○
		20×/ 0.4, WD 5.1mm	○
		40×/ 0.6, WD 2.1mm	●
	Infinite Plan Phase Objective	PH10×/ 0.25, WD 10 mm	●
		PH20×/ 0.4, WD 5.1mm	●
PH40×/ 0.6, WD 2.1m		○	
Nosepiece	Quintuple Nosepiece	●	
Condenser	ELWD (Extra Long Working Distance) Condenser NA 0.3, LWD 72mm (Without Condenser the WD can be 150mm)	●	
Centering	Centering Telescope (Φ30mm)	○	
Phase Annulus	10X-20X Phase Annulus Plate (Fixed)	●	
Stage	Plain Stage 160×250mm	●	
	Glass Insert	●	
	Attachable Mechanical Stage, X-Y Coaxial Control, Moving Rang120mm×78mm	○	
	Auxiliary Stages 70mm×180mm	●	

	Terasaki Holder	○
	Petri Dish Holder Ø35mm	○
	Slide Glass Holder Ø54mm	○
	Petri Dish Holder Ø90mm	○
Focusing	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range up 8mm, down 3mm	●
Illumination	Halogen Lamp 6V/30W	●
	3W LED	○
Filter	Blue, Green and Frosted filters, Diameter 45mm,	●
Accessories	Photo Attachment	○
	Video Adapter with C Mount	○
	Inverted Fluorescence Attachment FI-100	○
Dimension& G.W.	46.5cm*39.5cm*64cm, 16kg	●

Note: ● Standard Outfit, ○ Optional

Sample Images

