

XSZ-137 BIOLOGICAL MICROSCOPE

CLINICAL SCIENCE BIOLOGY

A High Performance Laboratory Microscope for routine work designed specially to enhance operational convenience by combining innovative design and high performance optics.

Eyepiece: High eye point WF10x eyepieces with 18mm field of view.

Head: Sidentopf Binocular or Trinocular Head, inclined at 30°, Rotatable 360°, Interpupillary distance: 55mm-75mm, Diopter adjustment is available.

Stand: Ergonomically designed with comfortable low position coaxial coarse and fine focusing controls and an adjustable tension control to maximize individual comfort and convenience. Easily adjustable focus stop allows for rapid image focusing while protecting specimens and objectives. The base has plastic hand rest providing comfort during use and protection from lamp heat. The stand is painted with scratch and chemical resistant epoxy paint.

Nosepiece: Quadruple, ball bearing nosepiece with positive click stops to ensure parcentration.

Objective: DIN standard achromatic, semi-plan or plan, parcenter 4x (N.A.0.10), 10x (N.A.0.20), 40x (N.A.0.65), 100x (N.A.1.25) oil immersion.

Stage: Professional double-plate mechanical stage (140mmX140mm) with vernier scales to provide accurate specimen location. Travel area 75mmX50mm, with a low position control.

Substage: Centerable N.A.1.25 Abbe condenser with iris diaphragm and filter holder.

Illumination: High-intensity variable 6 volt 20 watt halogen illuminator.

Anti Mold: Optical surfaces in the viewing head & objectives are protected with an anti-mold system to ensure proper performance in unusually hot and humid environments.



XSZ-137 Series Biological Microscope

	Description	B	BS	BP	T	TS	TP
Viewing Head	Sidentopf Binocular Head (30°; Inclined)	○	○	○			
	Sidentopf Trinocular Head (30°; Inclined)				○	○	○
Eyepiece	WF5X/20 Eyepiece						
	WF10X/18 Eyepiece	○	○	○	○	○	○
	WF15X/13 Eyepiece						
	WF20X/11 Eyepiece						
Nosepiece	Inward quadruple nosepiece	○	○	○	○	○	○
	Inward quintuple nosepiece						
Objectives (DIN System)	Achromatic 4X, 10X, 40X(S), 100X(S)	○			○		
	Achromatic 20X(S) N.A.0.4						
	Achromatic 60X(S) N.A.0.85						
	Semi-Plan 4X, 10X, 40X(S), 100X(S)		○			○	
	Plan Achromatic 4X, 10X, 40X(S), 100X(S)			○			○
	Plan Achromatic 20X(S) N.A.0.4						
	Plan Achromatic 60X(S) N.A.0.85						
Stage	140X140mm Mechanical Stage Moving Range: 75X50mm	○	○	○	○	○	○
Collector	Collector	○	○		○	○	
	Collector with Field Diaphragm			○			○
Focusing	Coaxial coarse and fine focusing controls	○	○	○	○	○	○
Illumination	6V/20W Halogen lamp	○	○	○	○	○	○
	12V/30W Halogen lamp						
	Plano and concave mirror						
Filter	Blue filter	○	○	○	○	○	○
	Yellow filter	○	○	○	○	○	○
	Green filter	○	○	○	○	○	○
	Filter without color						
Packing	Styrofoam box and carton	○	○	○	○	○	○
	Plastic case and carton						

Main Accessories

WF5X/20, WF10X/18, WF15X/13, WF20X/11 eyepiece
 Achromatic 4X, 10X, 20X, 40X, 60X, 100X objective
 Semi-Plan Achromatic 4X, 10X, 40X, 100X objective
 Plan Achromatic 4X, 10X, 20X, 40X, 60X, 100X objective
 Video Adapter with C Mount
 Digital Camera Adapter
 Simple Polarization Set
 Dark Field Condenser N.A.=0.9Dry, N.A.=1.25Oil
 Turret Phase Contrast Kit
 Plan-Achromatic Phase Contrast Objective
 PH10X, PH20X(S), PH40X(S), PH100X(S, Oil),
 Turret Annular Phase Contrast Condenser,
 Centering Telescope, Green Filter

