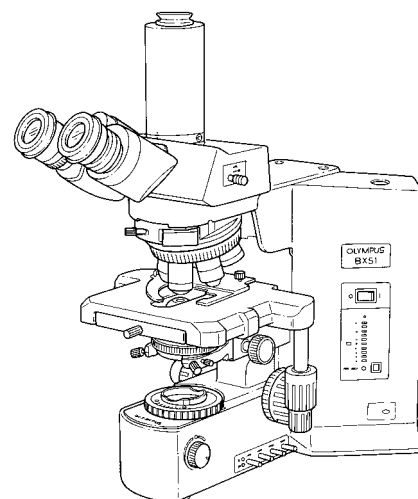


OLYMPUS®



INSTRUCTIONS

BX51/BX52

SYSTEM MICROSCOPE

This instruction manual is for the Olympus System Microscopes Models BX51 and BX52. To ensure the safety, obtain optimum performance and to familiarize yourself fully with the use of this microscope, we recommend that you study this manual thoroughly before operating the microscope. Retain this instruction manual in an easily accessible place near the work desk for future reference.

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5 SPECIFICATIONS

Item	Specification					
1. Optical system	UIS2/UIS (Universal Infinity System) optical system (featuring infinity correction)					
2. Illumination	Built-in transmitted Koehler illumination 12V, 100W long-life halogen bulb (pre-centered) 12V100WHA-L (PHILIPS 5761) or 12 V, 50 W long-life halogen bulb (pre-centered) 12V50WHA-L (LIFE JC) (Average life time: Approximately 2,000 hr. when used as directed) Light intensity voltage range: 2 V or less to 12.0 V DC (continuous) Light intensity preset button (voltage adjustment range: 2 V or less to 12.0 V DC) Rated voltage: 100-120/220-240 V ~ , 1.8/0.8 A, 50/60 Hz Power consumption: 140 W					
3. Focusing	Stage height movement by roller guide (rack & pinion) Stroke per rotation: 0.1 mm (fine), 17.8 mm (coarse) Full stroke range: 25 mm Upper limit stopper Tension adjustment on coarse focus adjustment knob					
4. Revolving nosepiece	Type	U-5RE-2	U-D6RE	U-D7RE		U-P6RE
		5-position revolving nosepiece	Universal 6-position revolving nosepiece	Universal 7-position revolving nosepiece		Universal 6-position centered revolving nosepiece
	Installable modules	None	Transmitted DIC prism, transmitted light analyzer			
5. Observation tube	Type	U-BI30-2	U-TBI3	U-TR30-2	U-TR30NIR	U-SWTR-3
		Widefield binocular tube	Widefield tilting binocular	Widefield trinocular tube		Super widefield trinocular
	Field No.	22				26.5
	Tube inclination	30°	5°-35° continuous	30°		
	Interpupillary distance adjustment	50 mm to 76 mm				
	Light path selector	None		3 steps: ① BI 100% ② BI 20%, Photo 80% (BI 50%, Photo 50%) (for U-TR30NIR only) ③ Photo 100%		
6. Stage	Type	U-SVRB-4		U-SVLB-4		
		Common-axis knobs on bottom right		Common-axis knobs on bottom left		
		Rectangular ceramic-coated, wire-driven stage				
	Size	156 mm (D) x 191 mm (W)				
	Movement mechanism	X- and Y-axis knobs with adjustable tension Movement range: 52 mm in vertical (Y) direction, 76 mm in horizontal (X) direction				
	Specimen holders (single slide holder)	U-HLS4 U-HLST4		U-HRS4 U-HRST4		
	Specimen holders (double slide holder)	U-HLD4 U-HLDT4		U-HRD4 U-HRDT4		