

Microscope with Digital Imaging System

Manufacturer: Olympus

Model: Olympus BX51 – Universal Research Microscopy

The BX51 research microscope features a unique two-component frame design, which optimizes mechanical and thermal stability for the microscopy and imaging tasks. The seven position revolving nosepiece gives rapid access to a greater range of objective magnifications – 5X, 10X, 50X and 100X.

BX51 specifications

Microscope frame	Optical system	UIS optical system
	Focus	Vertical stage movement: 25mm stage stroke with coarse adjustment limit stopper Torque adjustment for coarse adjustment knobs Stage mounting position variable High sensitivity fine focusing knob (minimum adjustment gradations: 1µm)
	Illuminator	Built-in Koehler illumination for transmitted light 12V100W halogen bulb (pre-centered) Light preset switch Light intensity LED indicator Built-in filters (LBD-IF, ND6, ND25 optional)
Revolving nosepiece		Interchangeable reversed quintuple/sextuple/septuple nosepiece
Observation tube	Widefield (F.N. 22)	•Widefield binocular, inclined 30° •Widefield tilting binocular, inclined 5°-35° •Widefield trinocular, inclined 30° •Widefield ergo binocular, inclined 0°-25°
	Super widefield (F.N. 26.5)	Super widefield trinocular, inclined 24°
Stage		Ceramic-coated coaxial stage with left or right hand low drive control: with rotating mechanism and torque adjustment mechanism, optional rubber grips available (Non stick grooved coaxial, plain, rotatable stages are also available)
Condenser		•Abbe (N.A. 1.1), for 4x–100x •Swing out Achromatic (N.A. 0.9), for 1.25x–100x (swing-out: 1.25x–4x) •Achromatic Aplanatic (N.A. 1.4), for 10x–100x •Universal (N.A. 1.4/0.9), for 2x–100x (swing-out: 2x–4x, with oil top lens: 20x–100x)

