

BM6000 Biological Microscopy System is a Top grading Research Micro Instrument especially for Routine Experiment Observation and Scientific Research. This Model is greatly adopted Ergonomical Technology, Component modularizing Design and Matured Infinity Optical System to achieve high quality image and Multi-performance application.

Excellent Optical System



Unique Features:

- I. Unique optical Design –Excellent Infinity Optical System(UIS) is adopted. This Ergonomical model is equipped with high qualified infinity plan objectives to produce better flat and contrast image.
- II. Key important component is pushed into higher level, new triangle Rack and Pinion Moving system is introduced. Super large Mechanical Stage for Research Operations
- III. Multi-observations for Options: Phase contrast kit, Fluorescent Attachment, simple Polarization and Digital Measuring observation.
- IV. Innovative Pyramid-designed Frame ensures the Excellent Mechanical Stability.

Specifications :

Standard Specifications -----Quick show		Quantity
Main Body	Main Body	1pcs
Viewing Head	Bino orT rinocular Head (Inclined 30°)	1pcs
Eyepiece	Eyepiece WF10X-20mm	2pcs
Objectives	Infinity Plan Objectives 4x/0.10	1pcs
	Infinity Plan Objectives 10x/0.25	1pcs
	Infinity Plan Objectives 40x/0.66	1pcs
	Infinity Plan Objectives 100x/1.25	1pcs
Condenser	Condenser N.A.1.25	1pcs
Stage	Size: 156mm×138mm Moving range: 76mm×54mm	1pcs
Filter	Filter (Blue),Filter (Green)	2pcs
Illumination	Halogen Lamp 6V/20W--1pc ,Spare Lamp: 1 pc	2pcs
Accessories-----available optional attachment		Quantity
	Eyepiece WF16X-13mm	1pcs
	Eyepiece 10X-18 adjustable reticule eyepiece (0.1mm)	1pcs
	11x centering eyepiece	1pcs
	Independent Phase contrast objectives10x, 20x,40x,100x	1set
	Simple polarizing set	1set
	Photo attachment	1pcs

Demo image



Standard parts and optional parts for reading

Parts	Specification	BM6000	BM6003
Optics system	UCIS Infinity Independent Achromatic Optical Design	●	●
Focusing	Coaxial coarse and fine focusing knob, height adjustable.	●	●
Viewing head	Binocular Tube, Interpupillary distance 52-75mm,30°inclined,360° rotateable,diopter adjustable.	●	
	Trinocular Tube, Interpupillary distance 52-75mm,30°inclined,trinocular light is split 20/80 by a high quality prism,diopter adjustable.		●
Plan Eyepiece	WF10X/20, High eye-point up to 21mm.	●●	●●
	WF10X/22, High eye-point up to 21mm.	○○	○○
	WF16X/14	○○	○○
	WF10X/20(Pointer), High eye-point up to 21mm.	○	○
	WF10X/22(Pointer), High eye-point up to 21mm.	○	○
	Reticule Eyepiece: CROSSWF10X/20	○	○
	Reticule Eyepiece: CROSSWF10X/22	○	○
Infinity Plan	Plan 2X/0.06 ∞/-, WD3.55	○	○
Objectives	Plan 4X/0.10 ∞/-,WD12.31	●	●
	Plan 10X/0.25 ∞/0.17,WD5.03	●	●
	Plan 20X/0.40 ∞/0.17,WD2.71	○	○
	Plan 40X/0.65 ∞/0.17, WD0.72 (Spring)	●	●
	Plan 60X/0.80 ∞/0.17, WD0.69 (Spring)	○	○
	Plan 100X/1.25 ∞/0.17, WD0.17 (Spring,Oil)	●	●
Infinity Plan	PH Plan 10X/0.25 ∞/0.17,WD5.03	○	○
Phase-Contrast (positive or negative)	PH Plan 20X/0.40 ∞/0.17,WD2.71	○	○
	PH Plan 40X/0.65 ∞/0.17,WD0.72 (Spring)	○	○
Objectives	PH Plan 60X/0.80 ∞/0.17, WD0.69 (Spring)	○	○
	PH Plan 100X/1.25 ∞/0.17,WD0.17 (Spring,Oil)	○	○
Phase-Contrast Slide	10X PH	○	○
	20X PH	○	○
	40X PH	○	○
	60X PH	○	○
	100X PH	○	○
Condenser	Multi-Purpose Phase-contrast Condenser: NA:1.25,Phase-contrast observation from 10X to 100X and Dark-field observation from 10X to 40X is allowed	○	○
	Abbe condenser: NA 1.25, with iris diaphragm, with socket to accommodate PH-slide. Condenser center adjustable, color-coded diaphragm scale markings coresponded with the objectives of different powers.	●	●

	Dark Condenser(Dry)	<input type="radio"/>	<input type="radio"/>
Stage	Mechanical Stage: 156x138mm platform, with X/Y travel of 76x54mm by low-positioned X/Y coaxial control knob, with scale mark and specimen-slide clip, enough space to hold 2 specimen-slide.	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	Rackless Mechanical Stage: 179(205)x175mm platform, with X/Y travel of 75x50mm by low-positioned X/Y coaxial control knob, with scale mark and specimen-slide clip, enough space to hold 2 specimen-slide.	<input type="radio"/>	<input type="radio"/>
Revolving Nosepiece	quadruple, inward facing.	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Illumination Kohler	With field diaphragm	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Electrical Parts	For 6V/20W Halogen Bulb: Input: 100-240V~ 0.5A, 47-63Hz, Output:6V 3.4A, Fuse:3.15A, 250V, F ϕ 5x20mm, Halogen Bulb Socket: G4	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	For 6V/30W Halogen Bulb: Input: 100-240V~ 0.5A, 47-63Hz, Output:6V 3.4A, Fuse:3.15A, 250V, F ϕ 5x20mm, Halogen Bulb Socket: G4	<input type="radio"/>	<input type="radio"/>
	For 3W LED Bulb	<input type="radio"/>	<input type="radio"/>
C-Mount	1X		<input type="radio"/>
	0.5X		<input type="radio"/>
	0.25X		<input type="radio"/>
Digital Camera Adapter	SD2		<input type="radio"/>
Digital Camera Joint	(Please advice your digital camera model in advance)		<input type="radio"/>
Filter	Blue	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	Green	<input type="radio"/>	<input type="radio"/>
	Yellow	<input type="radio"/>	<input type="radio"/>
	Grass Glass	<input type="radio"/>	<input type="radio"/>
Filter Holder	Filter Holder: (Attached to the Kohler) for more than one filter.	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Polarization kits	Analyzer Slide	<input type="radio"/>	<input type="radio"/>
	Polarizer Slide	<input type="radio"/>	<input type="radio"/>
Reflected Fluorescence Attachment	DC Hg Fluorescence Lamphouse 100W	<input type="radio"/>	<input type="radio"/>
	Mercury lamp 100W(Made in China)	<input type="radio"/>	<input type="radio"/>
	Mercury lamp 100W(Osram)	<input type="radio"/>	<input type="radio"/>
	Filter Turret	<input type="radio"/>	<input type="radio"/>
	UV Shield	<input type="radio"/>	<input type="radio"/>
	DC Hg Power Source House 100W	<input type="radio"/>	<input type="radio"/>
	UV Excitation Filter (I Grade)	<input type="radio"/>	<input type="radio"/>
	V Excitation Filter (I-Grade)	<input type="radio"/>	<input type="radio"/>
	B Excitation Filter (I-Grade)	<input type="radio"/>	<input type="radio"/>
	G Excitation Filter (I-Grade)	<input type="radio"/>	<input type="radio"/>
	UV Excitation Filter (C-Grade)	<input type="radio"/>	<input type="radio"/>

	V Excitation Filter (C-Grade)	○	○
	B Excitation Filter (C-Grade)	○	○
	G Excitation Filter (C-Grade)	○	○
Illumination Bulb	6V20W Osram Halogen Bulb	●	●
	6V30W Osram Halogen Bulb	○	○
	3W LED Bulb	○	○
Immerse Oil	8ml	●	●
Allen Screw Driver	φ2mm	●	●
Package	Inner package: foam, plastic bag; Out Package: Carton	●	●

