

BIOLOGICAL MICROSCOPE ► BIO2



BIO2B

BIO2 series is an innovative line of biological microscope with refined style and with an optical system suitable for most laboratory microscopy applications. In fact these microscopes mount as standard a Koehler illuminator, widefield eyepieces, 5 places inward tilt nosepiece, halogen bulb or LED. Can accept dark field and phase contrast as accessories. All this, combined with an refined Italian design, ergonomic and steady aluminum stand and with a choice of achromatic / semiplan / plan-achromatic DIN160mm or INFINITY objectives, give to these microscopes the capability to match a wide range of applications from educational use to routine laboratory work.

Included: protection cover, oil bottle, user manual

SPECIFICATIONS		BIO2 series	
Optical system	Standard DIN 160mm system		
Illumination	Built-in transmitted Koehler illumination with field diaphragm 6V 20W Halogen bulb or High intensity LED Adjustable Intensity		
Eyepieces	Wide field WF10x/18mm		
Objectives	-AC	ACHROMATIC 4x/0.1; 10x/0.25; 40x/0.65; 100x/1.25 (oil immersion)	
	-PL	PLAN ACHROMATIC 4x/0.1; 10x/0.25; 40x/0.65; 100x/1.25 (oil immersion)	
Focusing	Macrometric and micrometric coaxial knobs on both sides (0,002mm). Upper limit excursion adjustment. Torque adjustment on coarse focus knob		
Revolving nosepiece	Reversed quintuple nosepiece, rotating and locking at every objective.		
Observation tube	Type	Binocular	Trinocular
	Tube inclination	30° tilted, 360° rotatable	
	Interpupillary distance adjustment	55-75mm, dioptric difference adjustment ± 5mm	
	Light division		70% : 30%
Stage	135x125mm. Excursion XY: 75x35mm (div 0,1mm). Coaxial knobs on right side.		
Condenser	Abbe N.A. 1,25. Equipped with diaphragm and filter seat. Height and centering are adjustable.		

ADDITIONAL ACCESSORIES			
Code	Description	Code	Description
MB05001 5/6	Phase contrast kit (achromatic or plan)	MB010005	Eyepiece 16x
MB030003	Dark field condenser (dry or immersion)	MB020014	20x Plan achromatic objective
MB120001	Micrometric slide 0.01mm	MB020016	60x Plan achromatic objective
MB010007	Micrometric eyepiece 10x		Eurekam / Eurekam PRO digital cameras

ORDERING CODES			
Code	Description	Code	Description
BIO2B-AC	Binocular, achromatic optics, Halogen 20W	BIO2B-AC-LED	Binocular, achromatic optics, LED
BIO2T-AC	Trinocular, achromatic optics, Halogen 20W	BIO2T-AC-LED	Trinocular, achromatic optics, LED
BIO2B-PL	Binocular, Plan-achromatic, Halogen 20W	BIO2B-PL-LED	Binocular, Plan-achromatic optics, LED
BIO2T-PL	Trinocular, Plan-achromatic, Halogen 20W	BIO2T-PL-LED	Trinocular, Plan-achromatic optics, LED
BIO2-AC-VIDEO	Trinocular, Video Head, achromatic, Halogen	BIO2-PL-VIDEO	Trinocular, Plan-achromatic, Video head, LED