



Description

- MB522 series biological microscope is a kind of cost-effective advanced laboratory microscope which is designed for the area of medicine clinical and biology research, MB522 also can supply with refocus stage.
- Equipped with universal infinity independent plan achromatic optical system, chromatic aberrations and curvature of field are both ideally corrected over the field of view. And the objectives own higher NA's producing crisp, clear images with minimal flare.
- High eye-point, Wide field of view eyepiece, and its diopter is adjustable. Standard 10X eyepieces view-field can be chose between 20mm and 22mm. And high eye-point eyepiece with the distance up to 21mm view-field can bring you wider vision and more comfortable feeling.
- Ergonomic design: The position of coaxial coarse and fine focus knob can be adjusted

High eye-point eyepiece with the distance up to 21mm, bring you wider vision and more comfortable feeling



Abbe condenser N.A.1.25, with phase contrast slot. Condenser aperture diaphragm is marked with the same color as the objective lens, which is convenient for obtaining high-resolution, high-contrast images

Focusing knob height adjustable
Supplied with an adjustable rack stop to prevent damage to sample and objectives.



Different objective for choose
anti-fungus treated and anti-reflection coated for maximum light throughput

Rackless Mechanical Stage 185mm*177mm for optional



Specification

Item	Specification	MB522B	MB522T
Optics System	Infinity Independent Plan Achromatic Optical System F=200mm	●	●
Viewing Head	Siedentopf binocular tube, Interpupillary distance 52~75mm, 30°inclined, 360° rotatable, diopter adjustable.	●	
	Siedentopf binocular tube, Interpupillary distance 48~75mm, 30°inclined, 360° rotatable, diopter adjustable	○	
	Siedentopf trinocular tube, Interpupillary distance 48~ 75mm, 30° inclined, trinocular light is split 20/80 by a high-quality prism, diopter adjustable.		●
	Siedentopf trinocular tube, Interpupillary distance 48~ 75mm, 30°inclined, trinocular light is split 20/80 by a high quality prism, diopter adjustable.	○	○
Eyepiece	WF10X/20mm, High eye-point up to 21mm.	●●	●●
	WF10X/22mm, High eye-point up to 21mm.	○	○
	WF16X/14mm	○	○
	WF10X/20mm (Pointer), High eye-point up to 21mm.	○	○
	WF10X/22mm (Pointer), High eye-point up to 21mm.	○	○
	Reticule Eyepiece: CROSSWF10X/20mm	○	○
	Reticule Eyepiece: CROSSWF10X/22mm	○	○
Nosepiece	Quadruple, inward	●	●
	Quintuple, inward	○	○
Infinity Objectives	Plan Achromatic 2X/0.06, WD=3.55mm	○	○
	Plan Achromatic 4X/0.10, WD=12.31mm	●	●
	Plan Achromatic 10X/0.25, WD=5.03mm	●	●
	Plan Achromatic 20X/0.40, WD=2.71mm	○	○
	Plan Achromatic 40X/0.65(S), WD=0.72mm	●	●
	Plan Achromatic 60X/0.80(S), WD=0.69mm	○	○
	Plan Achromatic 100X/1.25 (S,O), WD=0.17mm	●	●
Phase-Contrast (positive or negative) Objectives	PH Plan Achromatic 10X/0.25, WD=5.03mm	○	○
	PH Plan Achromatic 20X/0.40, WD=2.71mm	○	○
	PH Plan Achromatic 40X/0.65, WD=0.72mm	○	○
	PH Plan Achromatic 60X/0.80, WD=0.69mm	○	○
	PH Plan Achromatic 100X/1.25(S,O), WD=0.17mm	○	○
	10X PH	○	○

Item	Specification	MB522B	MB522T
Phase-Contrast Slide	20X PH	○	○
	40X PH	○	○
	60X PH	○	○
	100X PH	○	○
Centering Telescope	CTE	○	○
Stage	Double Stage: 156×138mm platform, with XY travel of 76×54mm by low positioned X/Y coaxial control knob, with scale mark and specimen slide clip, enough space to hold 2 specimen slides. Scale division is 0.1mm	●	●
	Rackless Mechanical Stage: 185×177mm platform, with X/Y travel of 75×50mm by low positioned X/Y coaxial control knob, with scale mark and specimen slide clip, enough space to hold 2 specimen slide.	○	○
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 corresponded with the objectives of different powers.	●	●
	Dark Condenser (Dry)	○	○
Focusing	Coaxial coarse and fine focusing knob, height adjustable.	●	●
C-Mount	1X	○	●
	0.5X	○	○
Filter	Blue	●	●
	Green	○	○
	Yellow	○	○
	Grass Glass	○	○
Filter Holder	Filter Holder: (Attached to the Kohler) for more than one filter	●	●
Polarization kits	Analyzer Slide	○	○
	Polarizer Slide	○	○
Fluorescence Attachment	Hg Fluorescence Lamp house 100W	○	○
	Mercury lamp 100W (Osram)	○	○
	Filter Turret	○	○
	UV Shield	○	○
	Hg Power Source House 100W	○	○

Item		Specification	MB522B	MB522T
	UV Excitaion Filter (I Grade)		○	○
	V Excitation Filter (I-Grade)		○	○
	B Excitation Filter (I-Grade)		○	○
	G Excitation Filter (I-Grade)		○	○
	UV Excitaion Filter (C-Grade)		○	○
	V Excitation Filter (C-Grade)		○	○
	B Excitation Filter (C-Grade)		○	○
	G Excitation Filter (C-Grade)		○	○
Illumination	6V 20W Halogen Bulb, brightness adjustable		●	●
	With field diaphragm (inside Kohler)		●	●
	6V 30W Halogen Bulb, brightness adjustable		○	○
	3W LED Bulb, brightness adjustable		○	○
	3W LED rechargeable illumination system		○	○
Immerse Oil	8ml		●	●

Note: ●Standard Outfit, ○Optional

Pack: 1 carton, G.W.: 12KGS, N.W.: 9.5KGS, Meas.: 48*48*31.5CM