

BIOLOGICAL MICROSCOPE

OPTIMA® H-900 series

The H-902N and H-903N biological research microscopes are loaded with the most popular features, including a moveable ABBE condenser and a powerful 100X (oil) objective. This scope is built on a heavy, durable frame. With wide field eyepiece and plan achromatic objectives, the field of view is wide and clear. They are the ideal instrument in medical treatment, teaching demonstration and scientific research. Quality certificate ISO 9001, ISO 13485.



H-902N

H-903N

Model	H-902N	H-903N
Observation tube	Binocular head inclined at 30°	Trinocular head inclined at 30°
Interpupillary distance	From 55-75mm	
Eyepiece	WF10X/20	
Objective	Plan achromatic PL 4X, 10X, 40X (spring), 100X (spring) oil	
Stage	Large mechanical stage with size 210 x 140mm, X-Y travel is 50 x 75mm with graduation of 0.1mm	
Focusing	Coaxial focusing knob, coarse focusing range is 25mm and fine focusing is graduated in increment of 2µm	
Condenser	N.A. 1.25 Abbe condenser with iris diaphragm	
Koehler illumination	6V20W Koehler illumination with field diaphragm (or 3W white LED lamp)	
Power supply	1110V or 220V	
Standard accessories	Dust cover, immersion oil, blue filter, backup lamp	
Optional accessories	WF10X/20 eyepiece with 10/100mm scale, PL20X or PL60X objective, simple polarization attachment, C-mount adapter, digital camera adapter, digital camera eyepiece	

INVERTED BIOLOGICAL MICROSCOPE

OPTIMA® BI-500

The BI-500 inverted biological microscope adopts infinity-corrected optical system, long working distance (LWD) plan objectives and LWD plan phase contrast objectives; the field of view is extra clear and sharp. It is especially suitable for living cells culture observation and widely used in many fields, such as biological medicine, environment protection and etc. Quality certificate ISO 9001, ISO 13485.



BI-500

Model	BI-500
Observation tube	Trinocular head inclined at 30°
Interpupillary distance	From 48-75mm
Eyepiece	EW10X/22mm extra wide field eyepiece
Objective	LWD infinity-corrected plan objectives 4X and 40X LWD infinity-corrected plan phase contrast objectives 10X and 20X
Stage	Fixed plain stage with size 160 x 250 mm
Focusing	Coaxial focusing knob, coarse focusing range is 37.7mm and fine focusing is graduated in increment of 2µm
Condenser	N.A. 0.30 LWD condenser with sliding phase annular plate
Illumination	6V30W halogen lamp
Power supply	1110V or 220V
Standard accessories	Green and blue filters, backup lamp, dust cover, auxiliary stage (size 70 x 180 mm)
Optional accessories	WF16X eyepiece, 10X and 20X infinity-corrected plan objectives, 40X infinity-corrected plan phase contrast objective, attachable mechanical stage with X-Y coaxial control knob (moving range 160 x 78mm), Blue-Green fluorescent excitation light system

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We reserve the rights to change the specifications without notice.