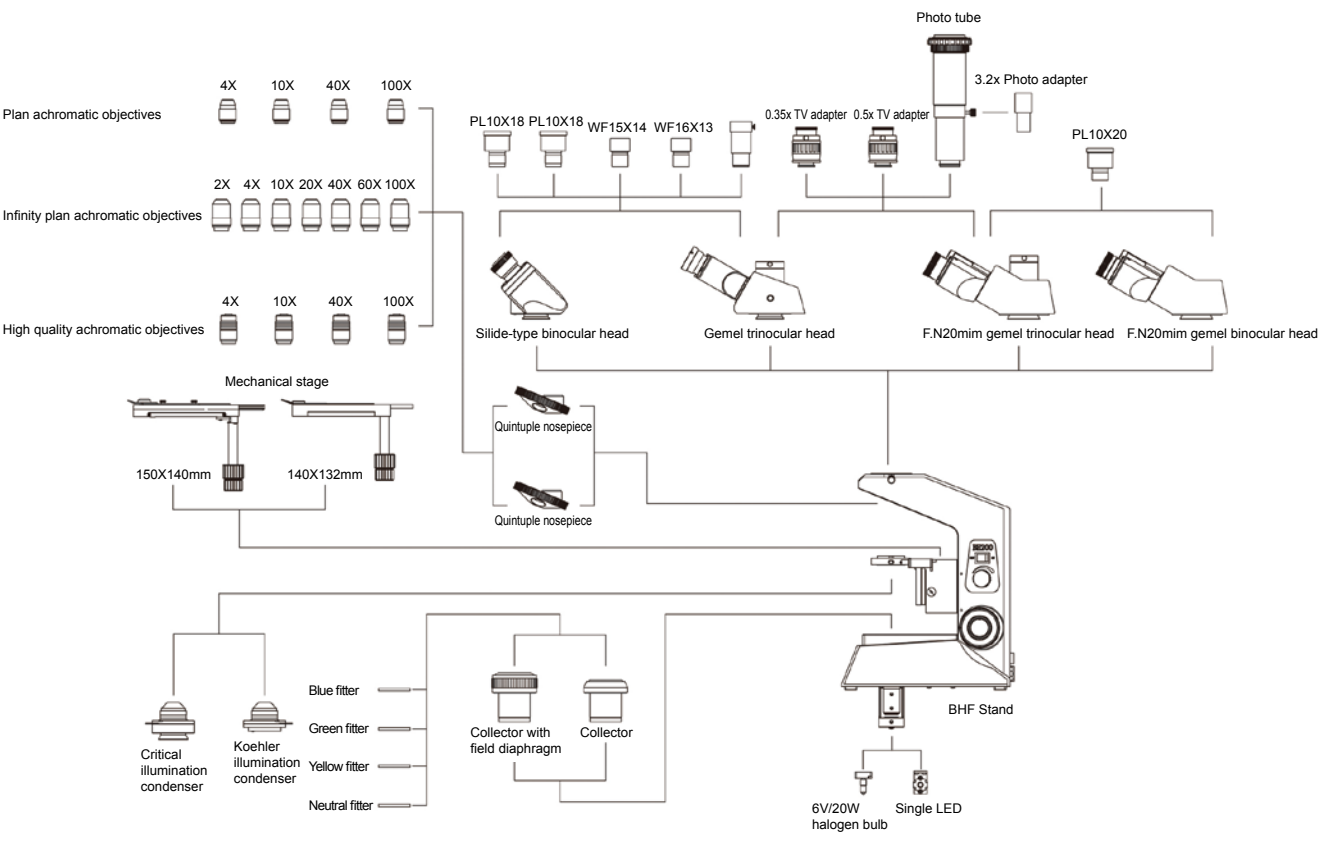
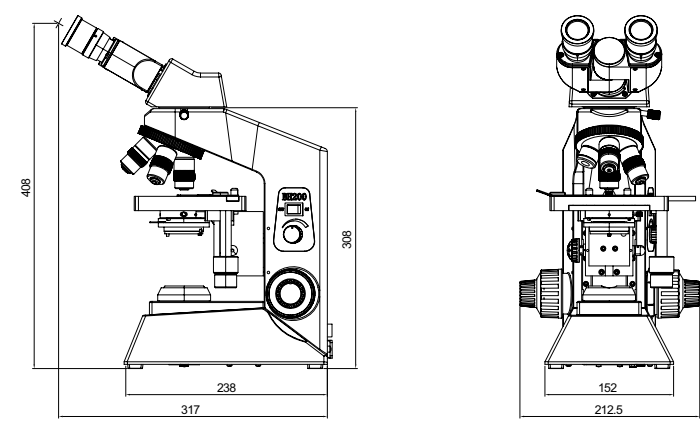


BH200 system diagram



BH200 dimension: mm



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E1001B-1705
No additional notice for changes on the specification or appearance

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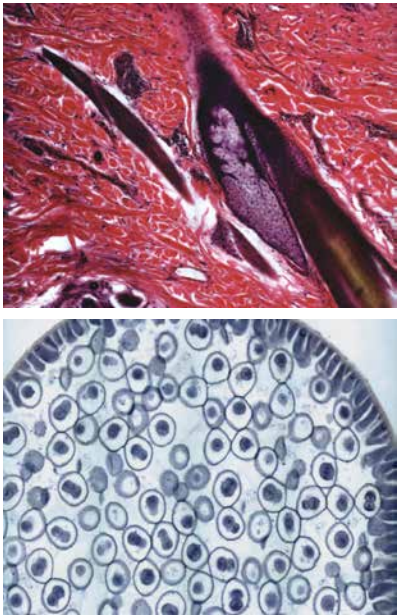
With easy operation system, clear micro image, BH200 is widely used in education and science laboratory for biological research.



- A variety of eyepieces: 10X eyepiece for standard recommendation, 15X/20X eyepiece for different option. Each eyepiece can be attached with pointer or reticle, as well as adjustable diopter.
- Compact and stable structure: rectangle base combined with L-form frame, eliminates image shake.
- Flexible extended functions: regular biological model is available to be developed as fluorescence/metallurgical/polarizing/ digital model, and support for bright field, dark field, fluorescence, phase contrast observation.
- Illumination intensity continuously adjustable, provides full and uniform light from low to high magnification.
- Halogen or LED for light source, halogen with excellent color rendering, LED with long life time, is free to be selected according to different application.



- Viewing head with adjustable interpupillary distance from 54mm to 75mm, provides a suitable angle to different people, reduces the fatigue from long time using.
- Trinocular head, being connected with digital camera, is available for image output and capture.



Optical System	Finite color corrected optical system	Infinity color corrected optical system
Viewing Head	45° inclined monocular viewing head	30° inclined binocular viewing head, interpupillary distance: 54mm~75mm
	30° inclined binocular viewing head, interpupillary distance: 54mm~75mm	30° inclined trinocular viewing head, interpupillary distance: 54mm~75mm, splitting ratio binocular:trinocular=80:20
	30 ° inclined trinocular viewing head, interpupillary distance: 54mm~75mm, splitting ratio binocular:trinocular=80:20	30° inclined digital viewing head with adjustable diopter, interpupillary distance: 54mm~75mm, built-in 2.0 /3.0 mega pixels
	30° inclined digital viewing head with adjustable diopter, interpupillary distance: 54mm~75mm, built-in 2.0 /3.0 mega pixels	
Eyepiece	High eye point wide field plan eyepiece PL10X/18mm, pointer/reticle attachable	
	High eye point wide filed plan eyepiece PL10X/20mm	
	Wide field eyepiece WF15X/13mm	
	Wide filed eyepiece WF20X/10mm	
Objective	Achromatic objective 4X/10X/40X/100X Plan achromatic objective 4X/10X/20X/40X/100X	Infinity plan achromatic objectives 2X/4X/10X/20X/40X/60X/100X Infinity plan phase contrast objective10x/20x/40x100x Infinity plan semi-apochromatic fluorescence objective 4x/10x/20x/40x/100x
Nosepiece	Quadruple nosepiece	
	Quintuple nosepiece	
Frame	Integrated design, coaxial focus system with upper limited and tension adjustment, coarse range: 28mm; fine precision: 0.002mm; condenser holder center preset	Integrated design, coaxial focus system with upper limited and tension adjustment, coarse range: 28mm; fine precision: 0.002mm; condenser holder center adjustable
	Integrated design, coaxial focus system with upper limited and tension adjustment, coarse range: 28mm; fine precision: 0.002mm; condenser holder center adjustable	
Stage	140mmX132mm double layers stage, moving range: 76mmX50mm, precision: 0.1mm	
	150mmX140mm double layers stage, moving range: 76mmX50mm, precision: 0.1mm	
Condenser	NA1.25 Kohler illumination condenser with slot for phase contrast attachment or dark field attachment, center preset	
	NA1.25 Kohler illumination condenser with slot for phase contrast attachment or dark field attachment, center adjustable, disc variable aperture diaphragm	
Illumination	Fixed Kohler illumination, wide voltage 100V~240V, intensity adjustable by power switch, 6V20W halogen, bulb center preset	
	Kohler illumination with variable field diaphragm, wide voltage 100V~240V, intensity adjustable by power switch, 6V20W halogen, bulb center preset	
	Fixed Kohler illumination, wide voltage 100V~240V, intensity adjustable by power switch, 3W LED, bulb center preset	
	Kohler illumination with variable field diaphragm, wide voltage 100V~240V, intensity adjustable by power switch, 3W LED, bulb center preset	
Camera Adapter	0.35X, 0.5X, 0.65X, 1X focusing C-mount	