



BDS500 Inverted Biological Microscope

- Brand-new development for life science research
- Both light ports for digital camera and SLR photography, available for observing with digital camera and SLR photography at the same time
- IOS Infinity optical system, perfect for cell observation and culture



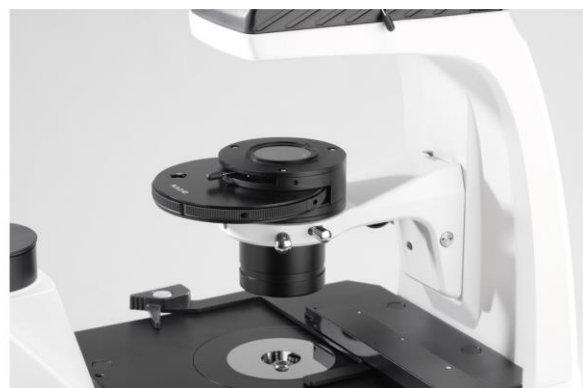
BDS500 Inverted Biological Microscope



BDS500 Inverted Fluorescence Microscope

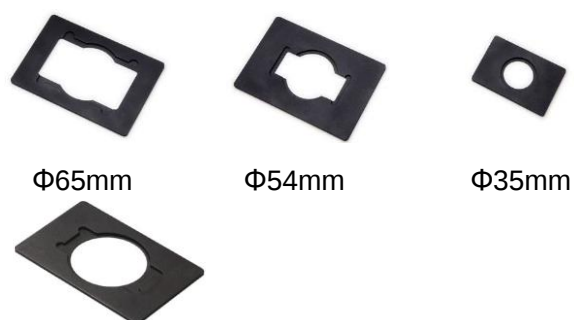


12V/50W Kohler illumination makes the field more even and brighter.

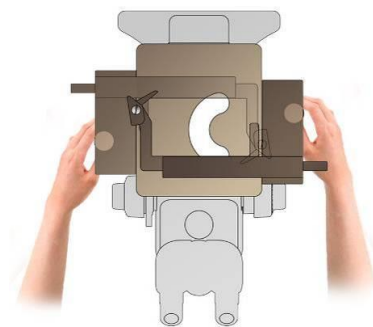


4-hole rotating disc phase contrast condenser for standard to change bright field and phase contrast fast

Culture Dish Holder



Holder for blood cell counter



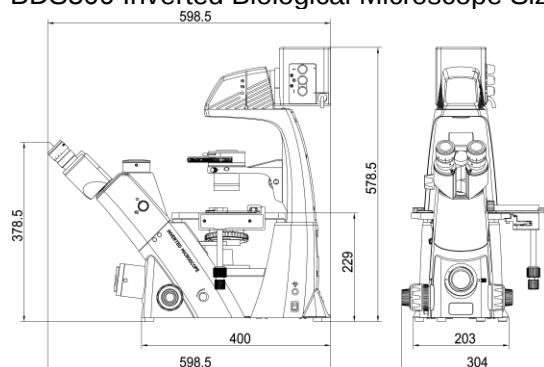
Knob can be changed by left or right

Objective Parameter List (Cover-glass thickness 1.1mm)

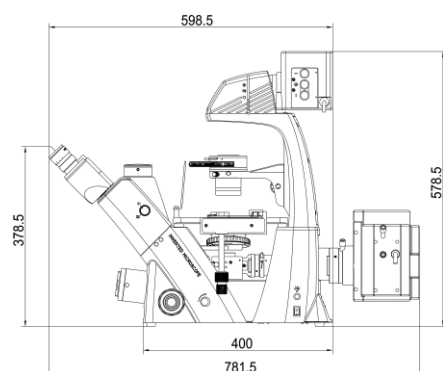
	Objectives	N.A.	Working distance (mm)
LWD Infinity Plan Objectives	LPlanFL 4×	0.11	12.1
	LPlanFL 10×	0.25	10.3
	LPlanFL 20×	0.45	5.8
	LPlanFL 40×	0.65	5.1
LWD Infinity Plan Phase Contrast Objectives	LPlanFL PHP 4×	0.10	9.2
	LPlanFL PHP 10X	0.25	10.3
	LPlanFL PHP 20×	0.45	5.8
	LPlanFL PHP 40×	0.65	5.1



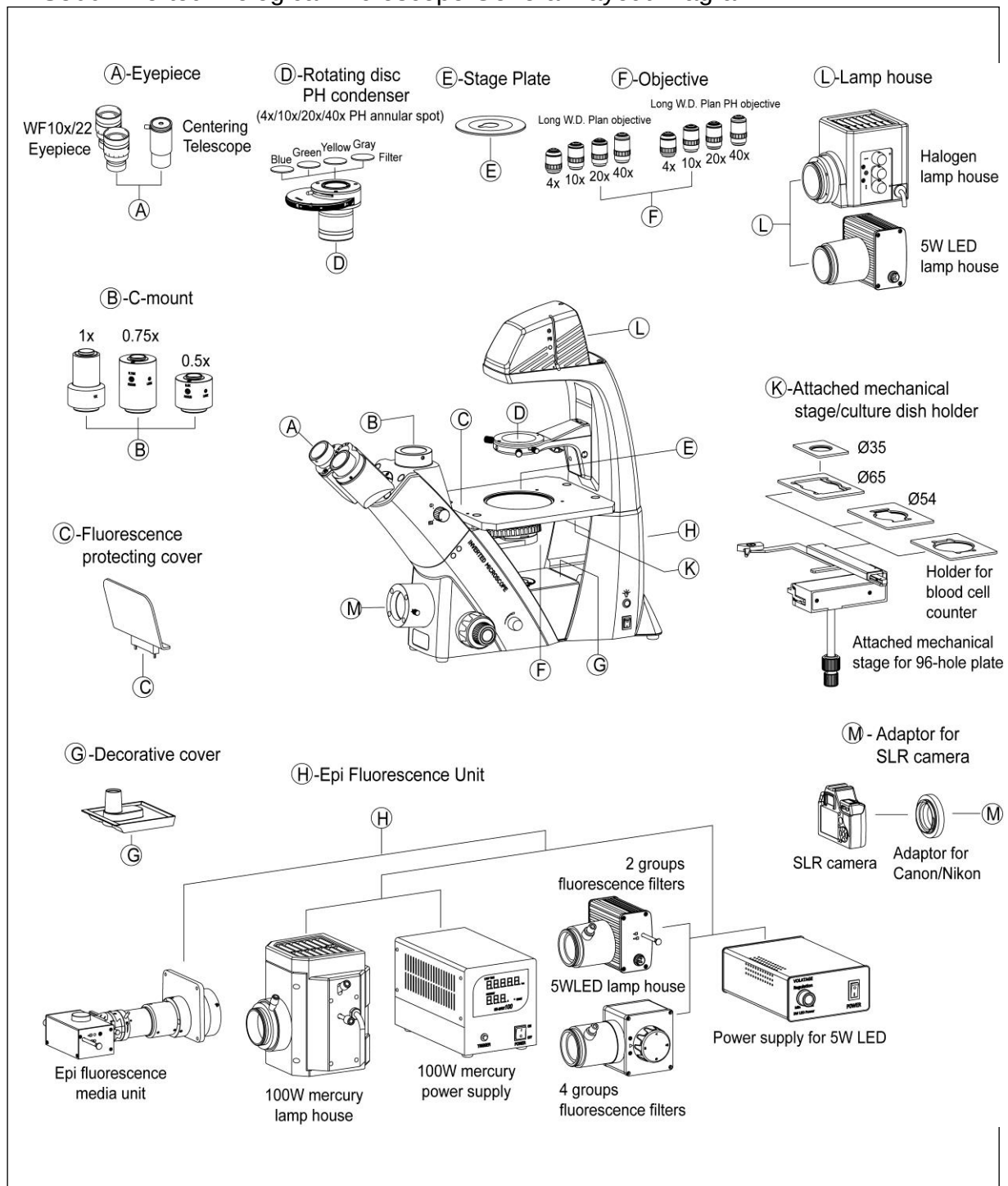
BDS500 Inverted Biological Microscope Size(mm)



BDS500 Inverted Fluorescence Microscope Size(mm)



BDS500 Inverted Biological Microscope General Layout Diagram



BDS500 Inverted Biological Microscope Outfits

Item	Specification	BDS500
Eyepiece	WF10X / 22mm (adjustable)	● ●
	Centering telescope	●
LWD Infinity Plan Objectives	LPlanFL 4X / 0.11 W.D.=12.1mm	●
	LPlanFL 10X / 0.25 W.D.=10.3mm	○
	LPlanFL 20X / 0.45 W.D.=5.8mm	○
	LPlanFL 40X / 0.65 W.D.=5.1mm	○
LWD Infinity Plan Phase Contrast Objectives	LPlanFL PHP 4X / 0.10 W.D.=9.2mm	○
	LPlanFL PHP 10X / 0.25 W.D.=10.3mm	●
	LPlanFL PHP 20X / 0.45 W.D.=5.8mm	●
	LPlanFL PHP 40X / 0.65 W.D.=5.1mm	●
Annular Spot	10X/20X/ 40X	●
	4X	○
Seidentopf Trinocular Head	Inclined 45° , interpupillary distance: 48-76mm Light distribution (both): 100: 0 (100% for eyepiece) 80:20 (80% for trinocular head, and 20% for eyepiece)	●
Seidentopf Trinocular Head	Inclined 45°, interpupillary distance: 48-76mm Light distribution: 100: 0 or 0:100 (100% for eyepiece or 100% for trinocular head)	○
Adaptor for Digital Photography	100% light for Photography Port (Adaptor for CANON or NIKON SLR Digital Photography Camera)	●
Nosepiece	Quintuple	●
Mechanical Stage	Stage size: X×Y 210×241mm, Round slide size: φ110mm, Attached mechanical stage(available for 96 holes plate, moving range X×Y: 128×80mm.)	●
Culture Dish Holder	65mm	○
	54mm	●
	35mm	○
	blood cell counter	○
Condenser	4-hole rotating disc phase contrast condenser N.A.0.4, W.D.45mm, It can be up-down adjusting	●
Koehler Illumination	12V/50W Halogen, input voltage: 100V~240V	●
	5WLED, input voltage: 100V~240V	○
Filter	Blue	●
	Green,	●
	Amber / Grey	○
C-mount	1 X /0.5X /0.75X C-Mount (focus adjustable)	○
Epi fluorescence Illumination	Epi fluorescence media unit , field diaphragm, center adjustable.	○
	100W mercury lamp ,5WLED(input voltage:100V~240V)	○
	B, G, V, UV fluorescence filters can be chosen	○
Image system	3MP digital camera for microscope	○
	5MP digital camera for microscope	○
	12MP digital camera for microscope	○
	20MP digital camera for microscope	○
	9.7 inches LCD tablet camera(5699) built-in 5MP camera	○

Note: "●"In Table Is Standard outfits, "○" Is Optional Accessories.

Packing Size: 660mm×590mm×325mm

Gross Weight: 18 kgs

Net Weight: 13.5 kgs