

## BK5000 Series Biological Microscope



BK5000-TR Trinocular Biological Microscope



BK5000 Binocular Biological Microscope

- Quintuple turret phase contrast unit with 10X/20X/40X/100X infinity plan phase contrast objective for phase contrast and bright field observation.



- Dark field condenser NA 0.83-0.91(dry) available to 4X-40X Objective.  
Dark field condenser NA>1.30 (wet) available to 100X oil Objective.



- 10X/20X/40X/100X Independent Phase Contrast Unit.



- Infinity Plan Objectives





**BK5000-FL2/FL4 Fluorescence Microscope**  
(100W mercury lamp)



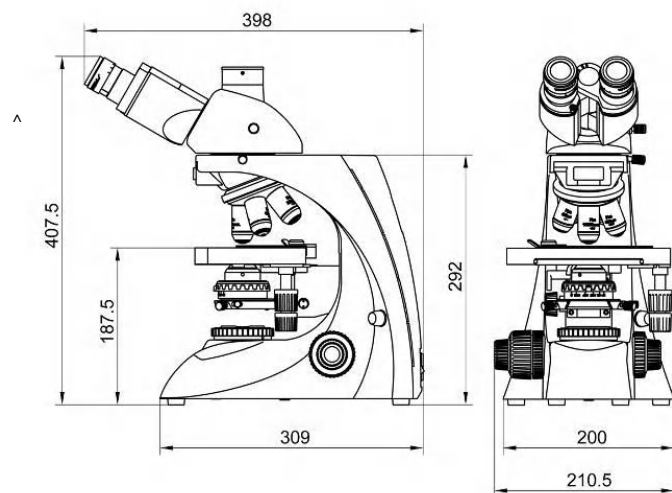
**BK5000-FL2LED/FL4LED Fluorescence Microscope**  
(5WLED lamp)



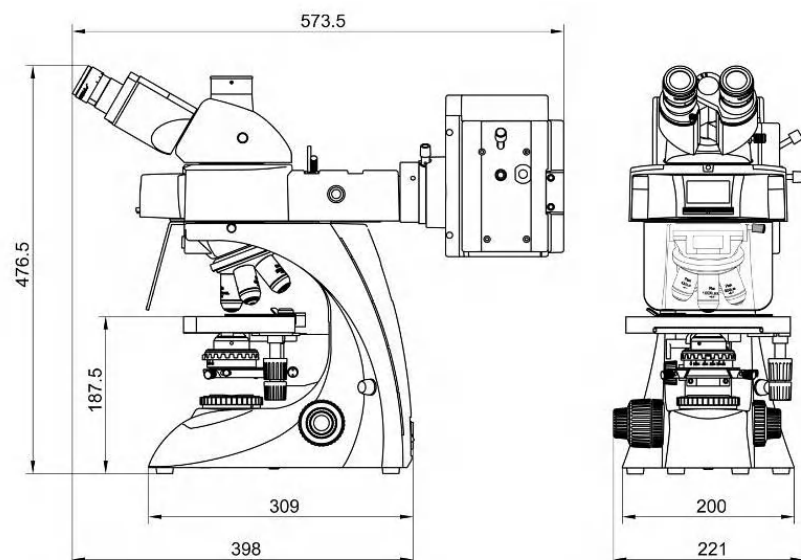
- Six-holes disk fluorescence unit,  
More fluorescence filters can be supplied



- Polarizer, analyzer for simple polarizing unit.



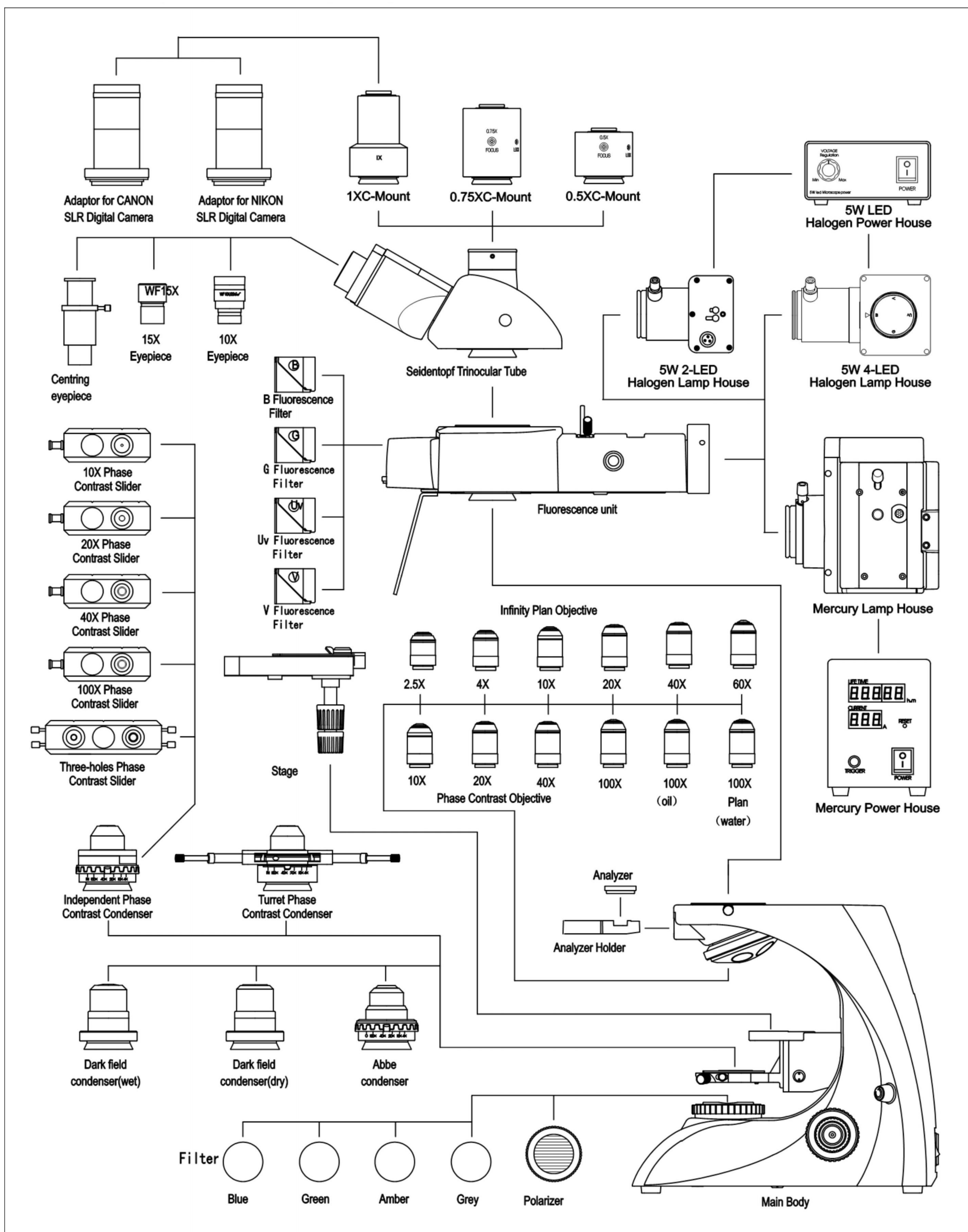
- BK5000 Biological Microscope Size(mm)



- BK5000 Fluorescence Microscope Size(mm)



## BK5000 Series Biological Microscope General Layout Diagram



## BK5000 Series Biological Microscope Outfits

Items	Specification	Outfits
Eyepiece	WF10× / 20mm (23.2mm)	●●
Infinity Plan Objectives	PLAN 4× / 0.10      W.D.=12.10mm	●
	PLAN 10× / 0.25      W.D.=4.64mm	●
	PLAN 20× / 0.40(S)      W.D.=2.41mm	●
	PLAN 40× / 0.66(S)      W.D.=0.65mm	●
	PLAN 100× / 1.25(S, Oil)      W.D.=0.12mm	●
	PLAN 2× / 0.06      W.D.=7.2mm	○
	PLAN 60× / 0.80(S)      W.D.=0.33mm	○
	PLAN 100× / 1.15(S, W)      W.D.=0.19mm	○
Infinity Plan Semi Apochromatic Objective	UPlanFLN 10X/0.30      W.D.=7.68mm	○
	UPlanFLN 20X/0.50      W.D.=1.96mm	○
	UPlanFLN 40X/0.75      W.D.=0.78mm	○
	UPlanFLN 100X /1.30 (Oil)      W.D.=0.15mm	○
Seidentopf Binocular Head	Inclined 30°,Rotatable 360°, Interpupillary Distance:48mm-75mm	●
Seidentopf Trinocular Head	Inclined 30°,Rotatable 360°, Interpupillary Distance:48mm-75mm, Light Distribution: 100: 0(100% light for eyepiece or camera port) or 20:80(80% for eyepiece and 20% for camera port)	○
Nosepiece	Quintuple	●
Mechanical Stage	Stage Size: 175mm×145mm, Travel: 78mm×55mm Coaxial Coarse and Fine Focusing Knobs,      Two Slide Holder	●
	Integrated stage Stage size: 182 mm×140mm, Travel range: 77mm×52mm Two-slide holder	○
Condenser	Abbe N.A. 1.25 with iris diaphragm.	●
	Swing Out Condenser, N.A. 0.9/0.13, with iris diaphragm.	○
Koehler Illumination Wide voltage input: 100V~240V Field diaphragm , center adjustable	12V/20W Halogen Lamp	○
	6V/30W Halogen Lamp	○
	3W-LED Illumination (DC input)	●
Lilter	Blue	○
	Green /Amber /Grey	○
C-mount	1×/0.35X/0.5×/0.75×C-mount (focus adjustable	○
Lluorescence Attachment	Epi fluorescence unit ( six-hole disc media which can be fixed with Uv /V/B/G and another filters) ,100W mercury lamp.	○
	Epi fluorescence unit ( six-hole disc media which can be fixed Uv /V/B/G), 5W-LED fluorescence lamp.	○
Phase Contrast Unit	Quintuple hole turret 10× /20× /40× /100× phase contrast objective	○
	Independent slot 10× /20× /40× /100× phase contrast objective	○
Phase Contrast Unit	Dark field condenser (dry),    apply to 4×- 40× objective	○
	Dark field condenser (wet),    apply to 100× objective	○
Polarizing Attachment	Analyzer / Polarizer	○

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

Packing Size: 542mm×265mm×355mm    Gross Weight: 12 kgs    Net Weight: 10kgs