

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.



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



- 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.



- Infinity Plan Objectives



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



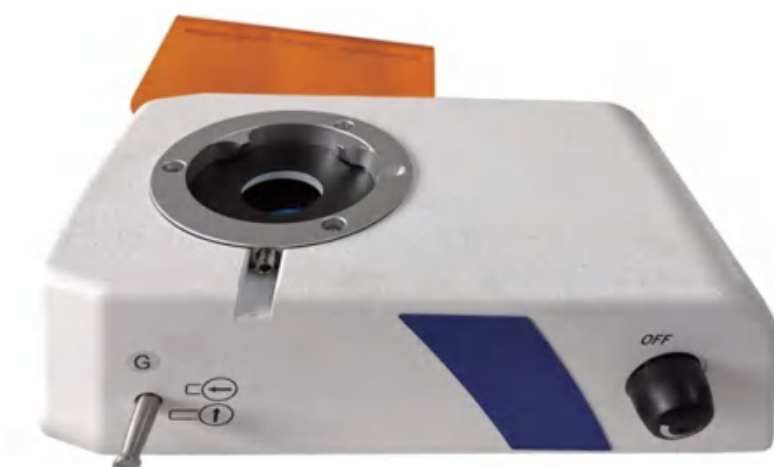
BK5000-TR-FL2LED Fluorescence Microscope
(5WLED lamp)



BK5000-TR LED Fluorescence Microscope
(F03 1/2-group device)

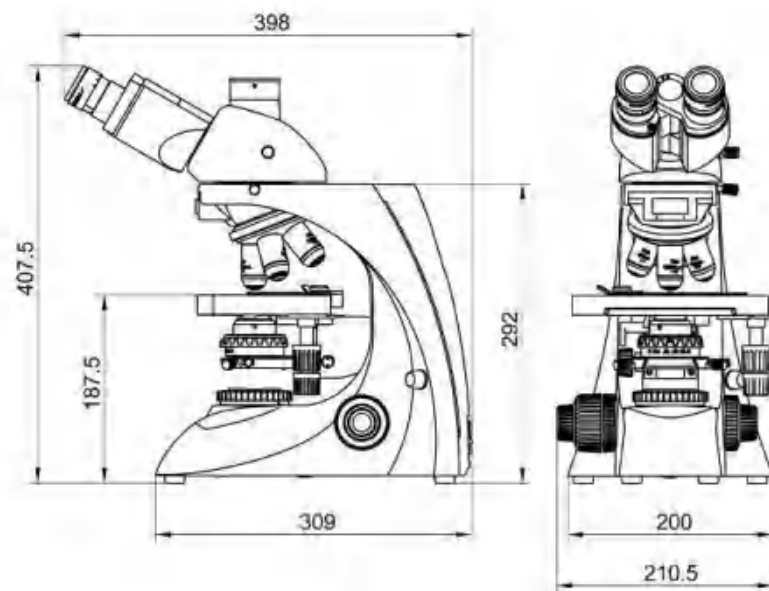


Six-holes disk fluorescence unit, More fluorescence
filters can be supplied

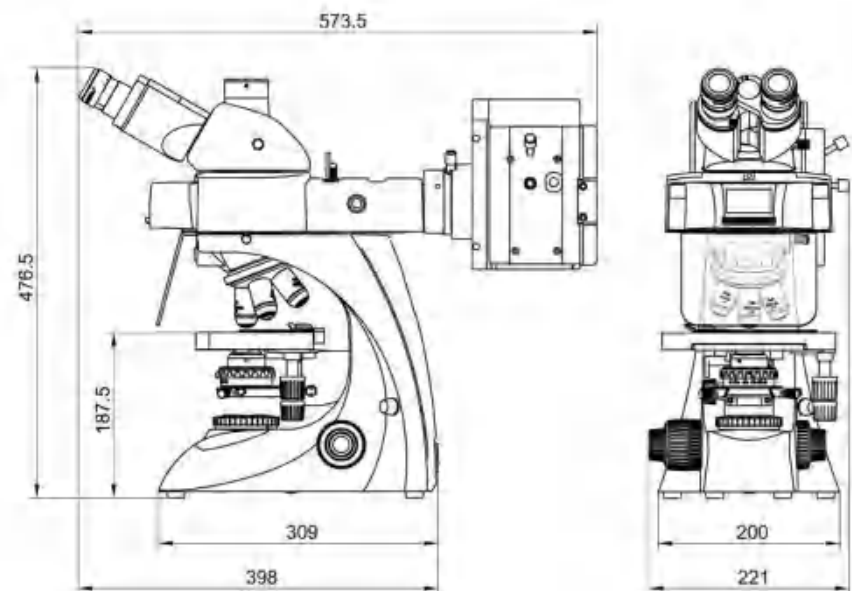


F03 2-hole disk fluorescence unit for 1/2 pcs
fluorescence filters

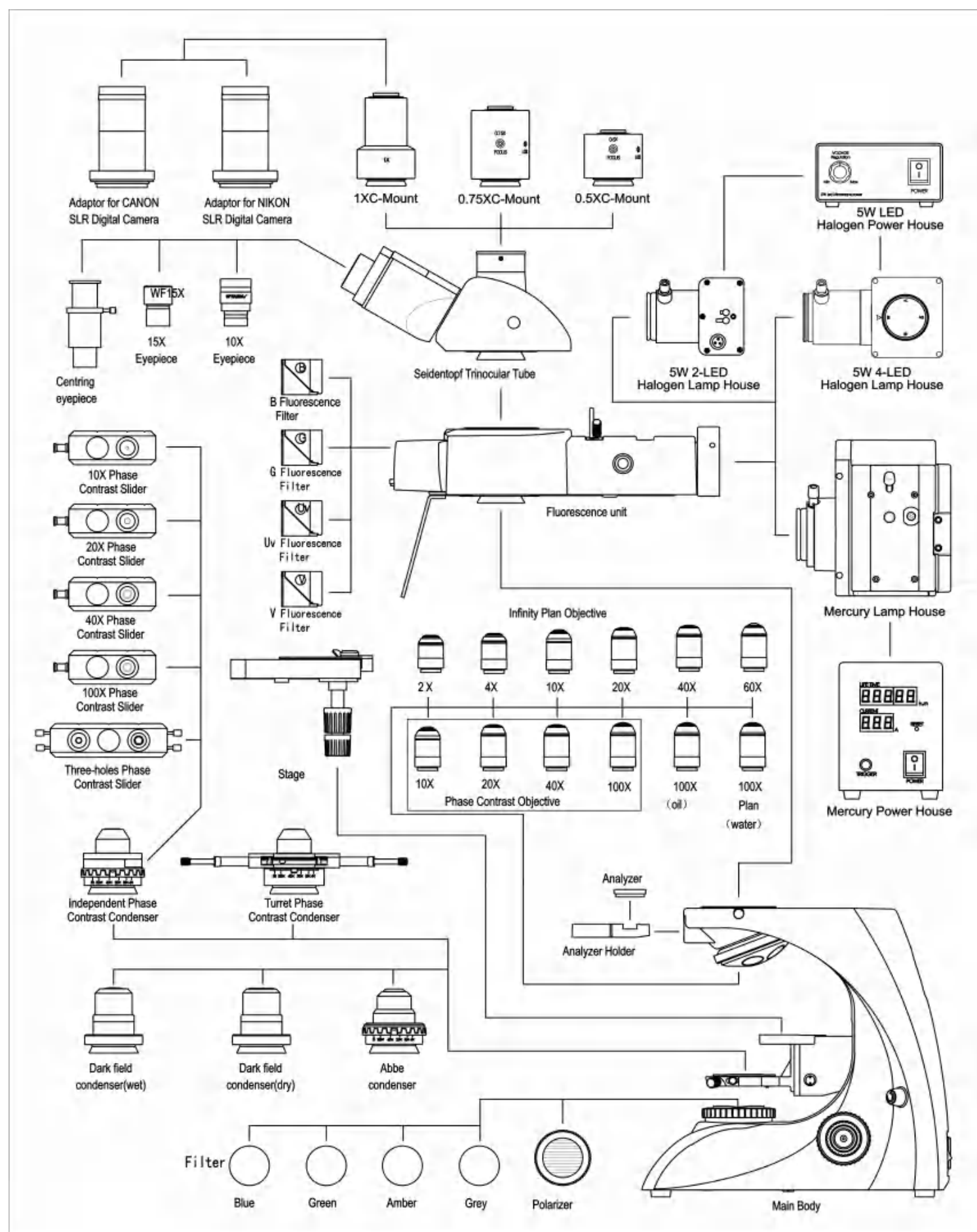




BK5000 Biological Microscope Size(mm)



BK5000 Fluorescence Microscope Size(mm)



BK5000 Series Biological Microscope General Layout Diagram

BK5000 Series Biological Microscope Outfits

Item	Specification		BK5000 binocular
Eyepiece	WF10×／20mm (23.2mm)		●●
	WF16X/13mm		○
	WF20X		○
Infinity Plan Objectives	PLAN 4×／0.11	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, Coaxial Coarse and Fine Focusing Knobs		○
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		○
	12V/30W Halogen Lamp		○
	3W-LED Illumination (DC input)		●
Filter(Φ45mm)	Blue		○
	Green /Amber /Grey		○
C-mount	1×/0.35X/0.5×/0.75×C-mount (focus adjustable		○
Fluorescence 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.		○
	F03 fluorescence unit(2-hole disc media which can fixed with Uv /V/B/G and another filters), 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		○
Dark Field 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: 11 kgs Net Weight: 10kgs