

BK Series 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



AE-BK102TR Fluorescence Microscope



AE-BK102TR



AE-BK102

AE-BK102TR LED Fluorescence Microscope



FL2LED Fluorescence Lamp

FL4LED Fluorescence Lamp



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



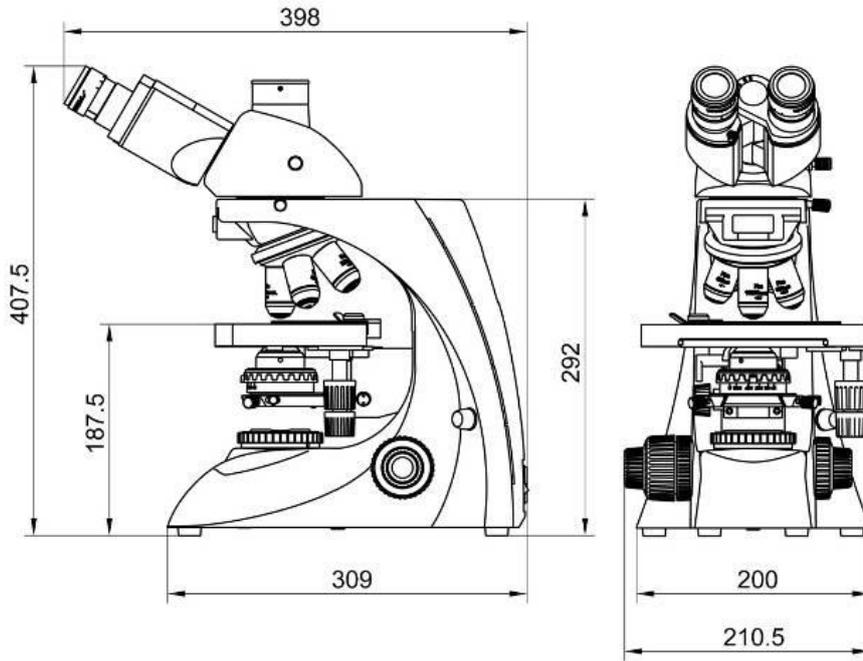
- F03 2-hole disk fluorescence unit for 1/2 pcs fluorescence filters



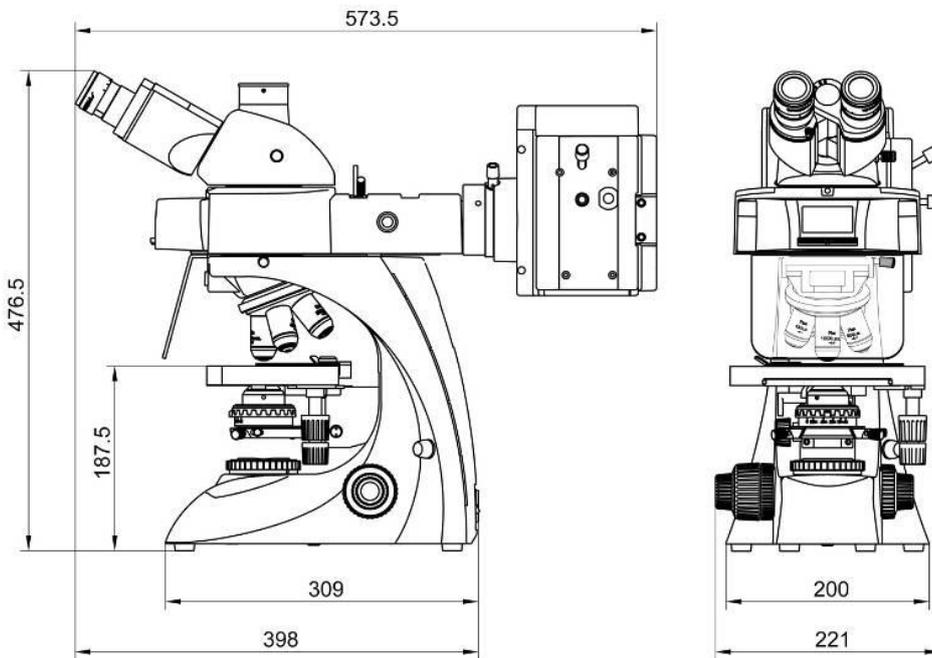
- Polarizer, analyzer for simple polarizing unit.



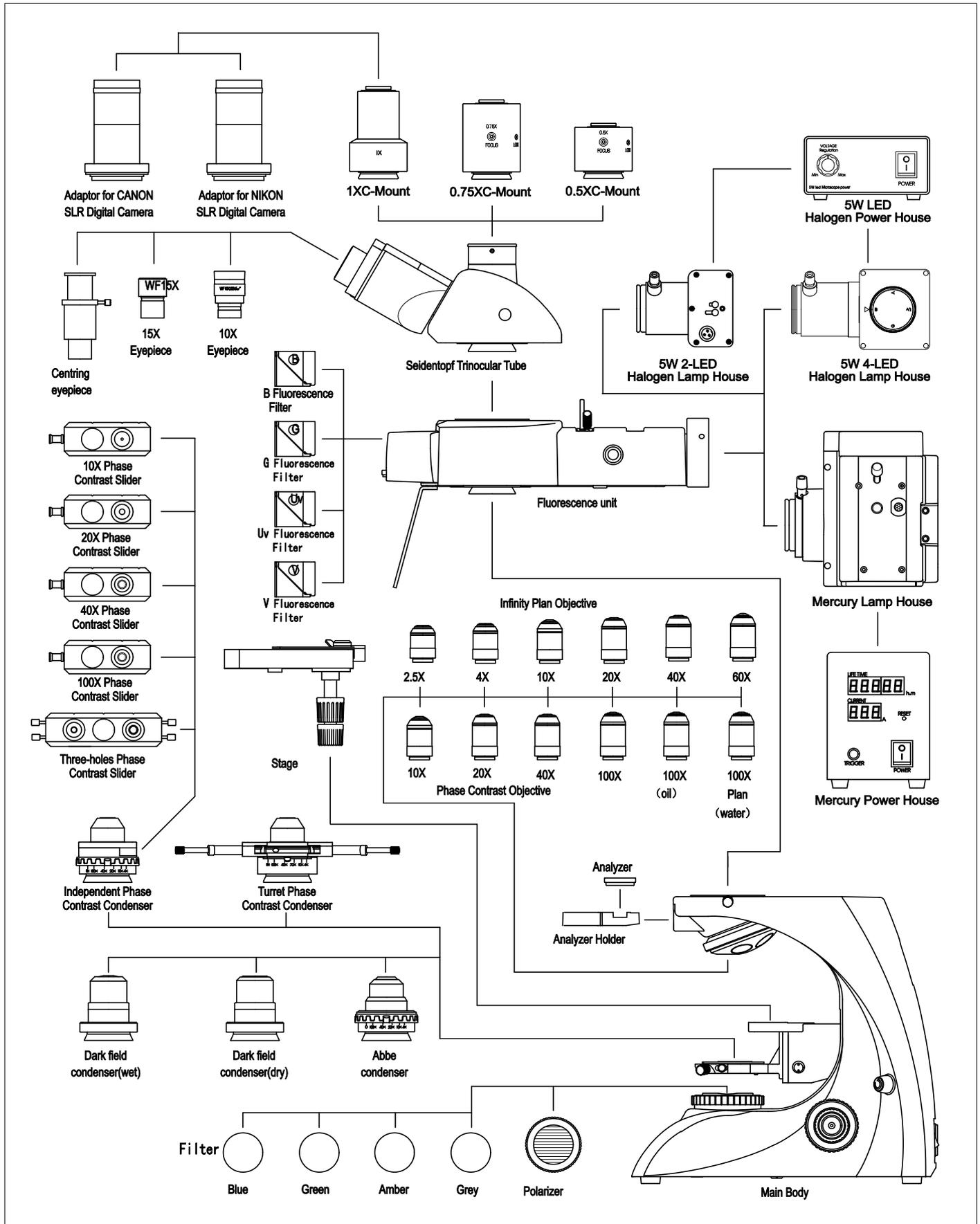
AE-BK102TR Biological Microscope Size(mm)



AE-BK102TR Fluorescence Microscope Size(mm)



AE-BK102TR Series Biological Microscope General Layout Diagram





AE-BK102 Series Biological Microscope Outfits

Items	Specification	Outfits	
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	12V/20W Halogen Lamp	○	
	12V/30W Halogen Lamp	○	
Field diaphragm , center adjustable	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