



SLV-21iFL

LED Fluorescent Microscope, Trinocular, B,G

- Built-in All-in-One Fluorescent Media Unit 5W LED With 1 or 2 Filters
- Semi-APO Infinity Plan Fluorescent Objective Available for High Quality Image
- Creative 100x Water Objective Instead of 100x Oil Objective for Easy Use Without Oil
- High Rigidity Body Structure Design Supply High Steady and Easy Handle
- Different Colour Available to Customize Your Model!



**Seidentopf Head Inclined 30°
Rotatable 360° , Interpupillary Distance 48-75mm**

Seidentopf Head

Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm, High Eyepoint Eyepiece, Which Is Convenient For People With Different Sitting Height;

The Integrated Design Of The Eyepiece Lens Barrel, Avoids The Loss And Contamination Of The Eyepiece And Enhances The Integrated Performance Of The Microscope



Exclusive And Innovative Low-power Dimming Objective

Quadruple, Backward

4 Sets Objective Available: Achromatic, Plan, Infinity E-Plan, Infinity Plan.



Mechanical Stage Size 145 × 140mm
Travel Range 76 × 52mm

Double Slide Holder Working Stage

Mechanical Stage Size: 145 mmx140mm, Travel: 76mmX52mm, Scale: 0.1mm



Abbe Condenser N.A.1.25, Iris Diaphragm, Rack & Pinion Up/Down



3W-LED Illumination Systems



Coaxial Coarse & Fine Focusing

Condenser & Light Source

Abbe Condenser N.A.1.25, Iris Diaphragm, Rack & Pinion Up/Down, With Filter Holder
3W-LED Illumination Systems



Holding Hole On Back



Wire Winding Device



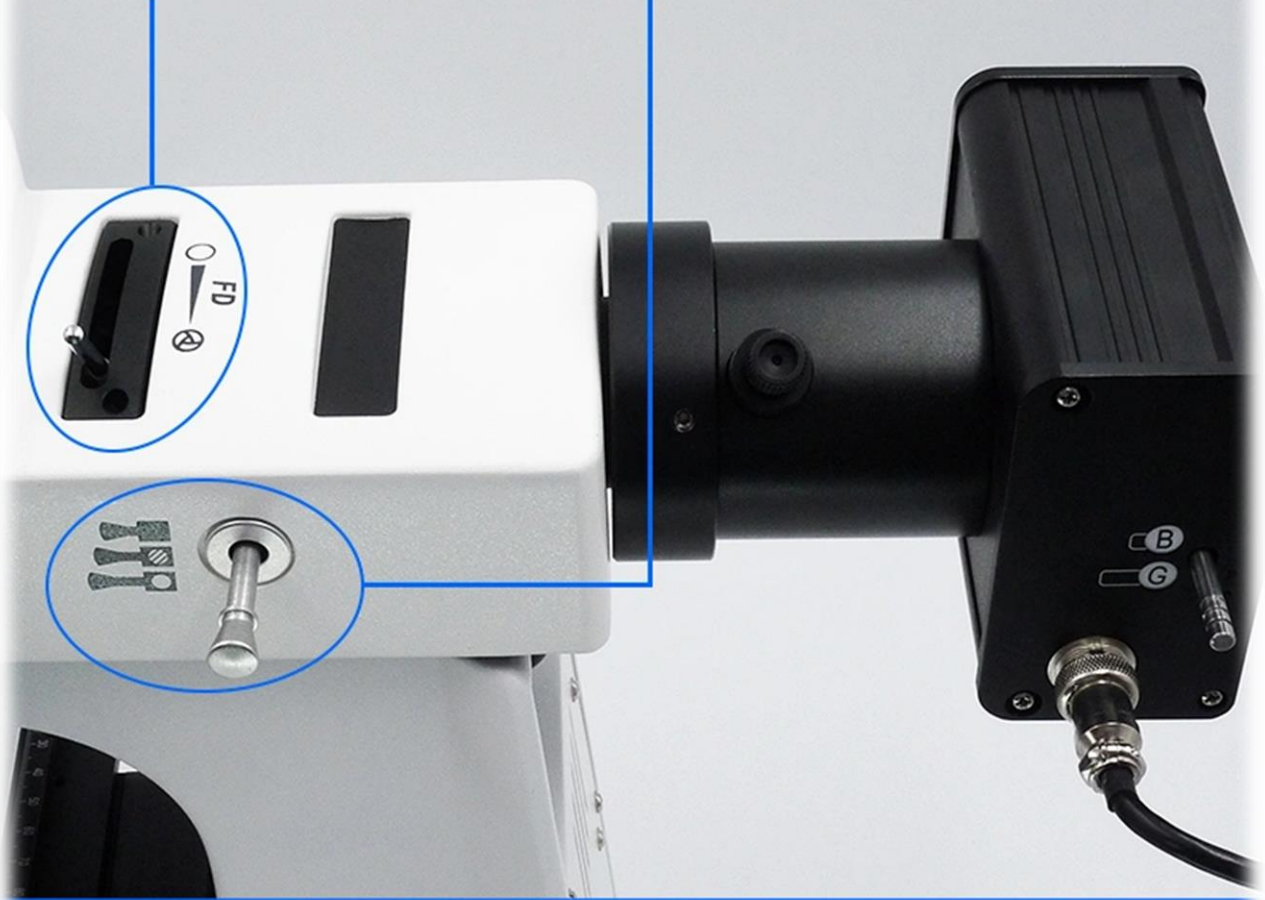
Powered By Safety Low Voltage Charger, Input Wide Voltage 100V-240V, Output 5V1A, Support Power Bank Supply For Outdoor Use



6 Holes Disk Fluorescence Unit

Field Diaphragm

Light Switch Lever

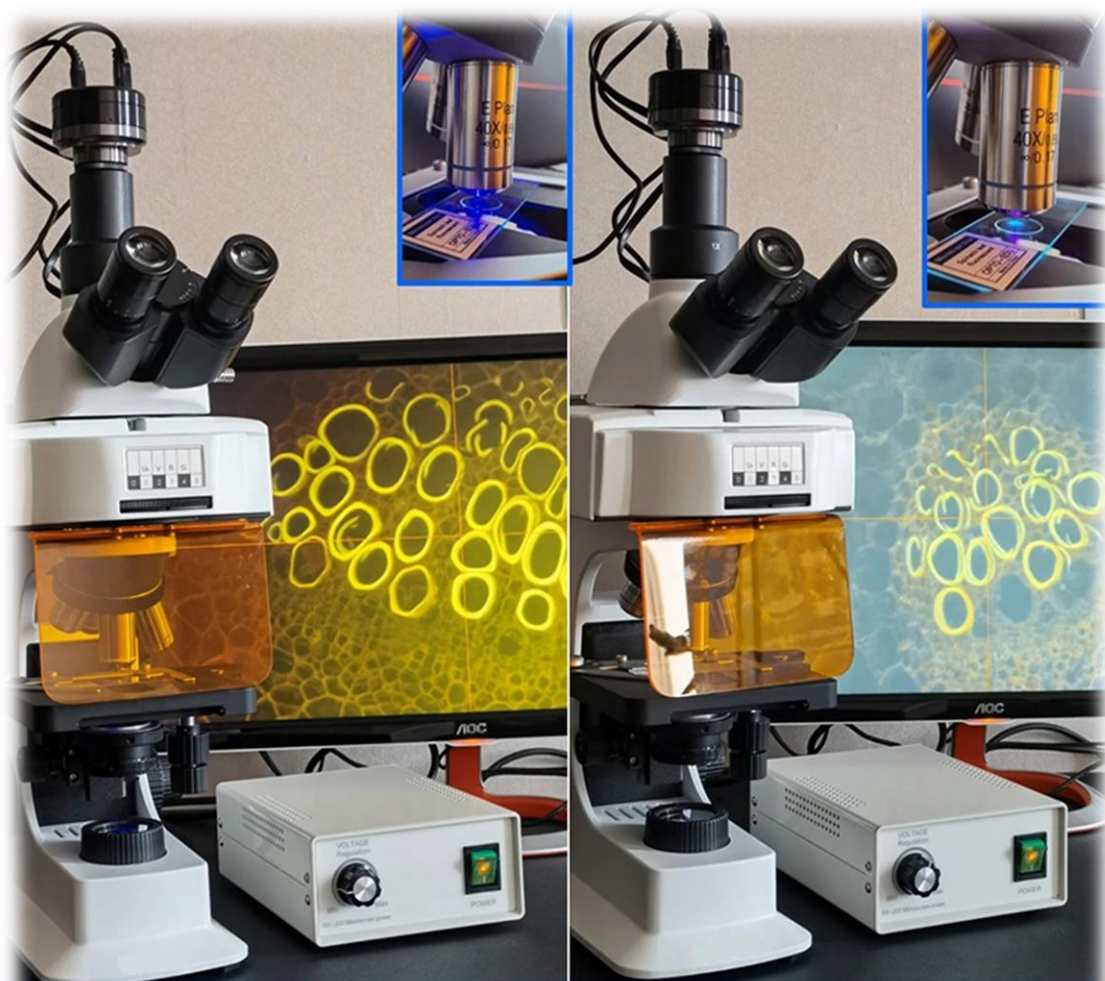


5W LED Lamp House

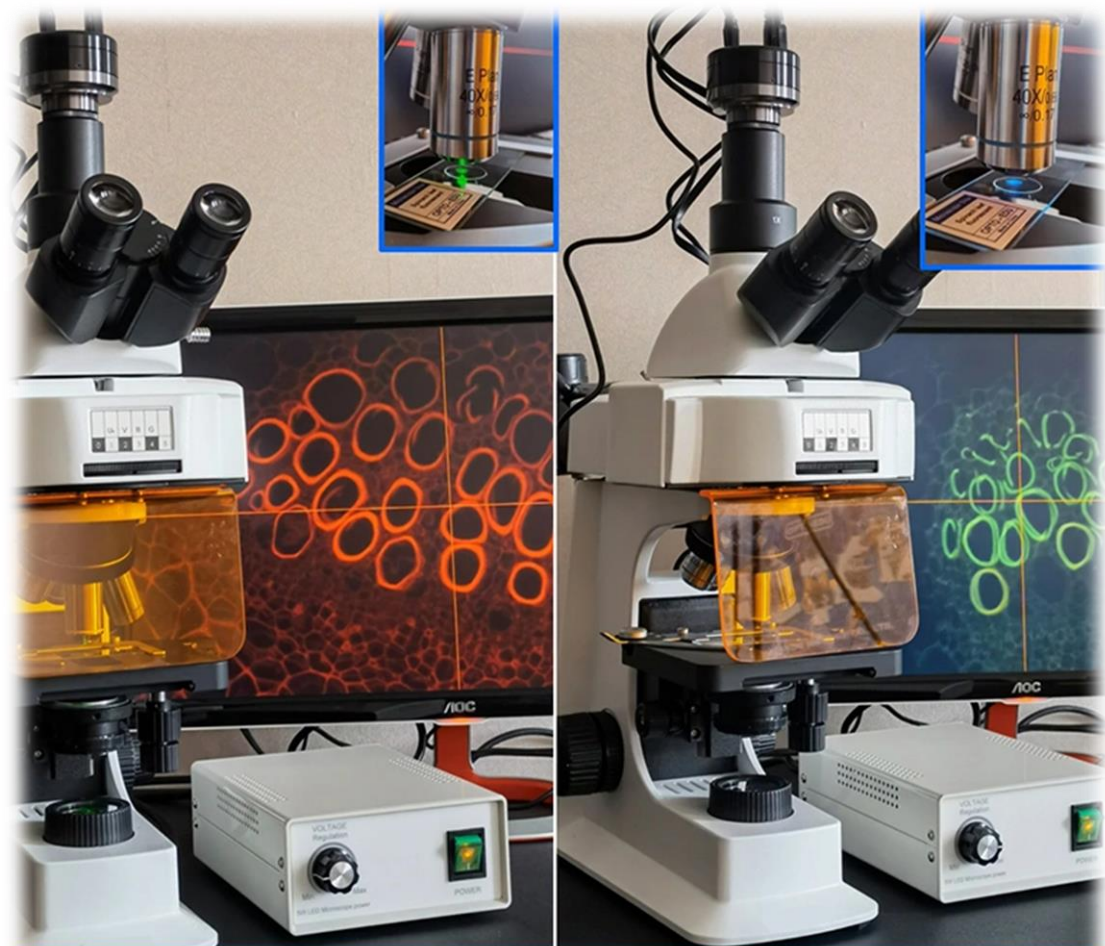
5W LED Lamp Fluorescent

Illumination Unit, With Field Diaphragm, Light Switch Lever.





B & U Spinach Leaf Fluorescent Effect



G & UV Spinach Leaf Fluorescent Effect

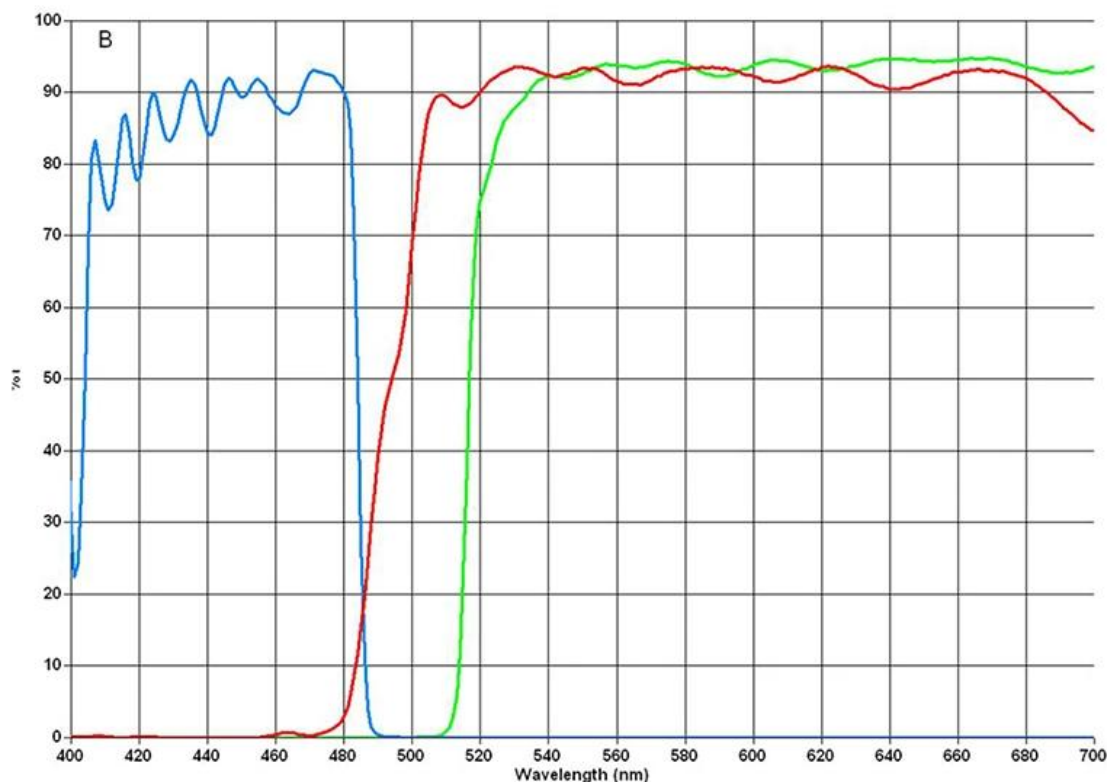
Technical Specification

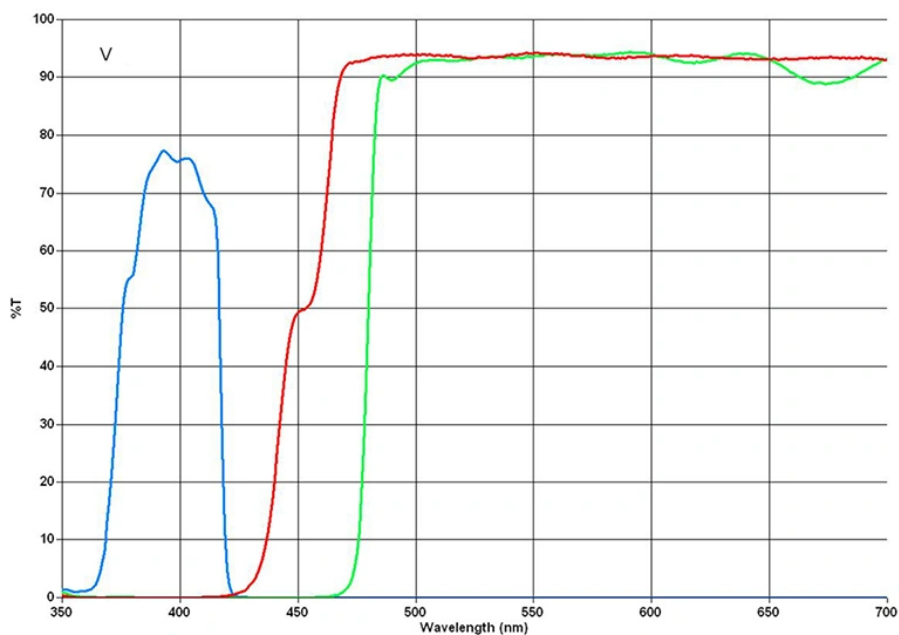
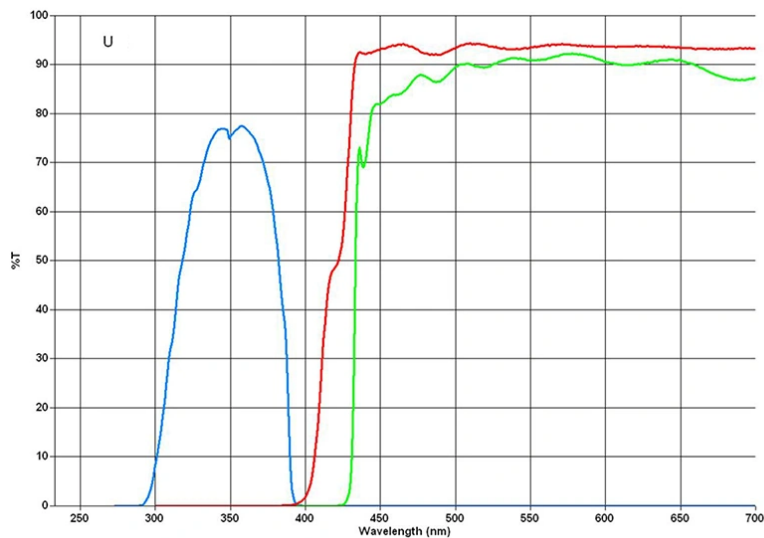
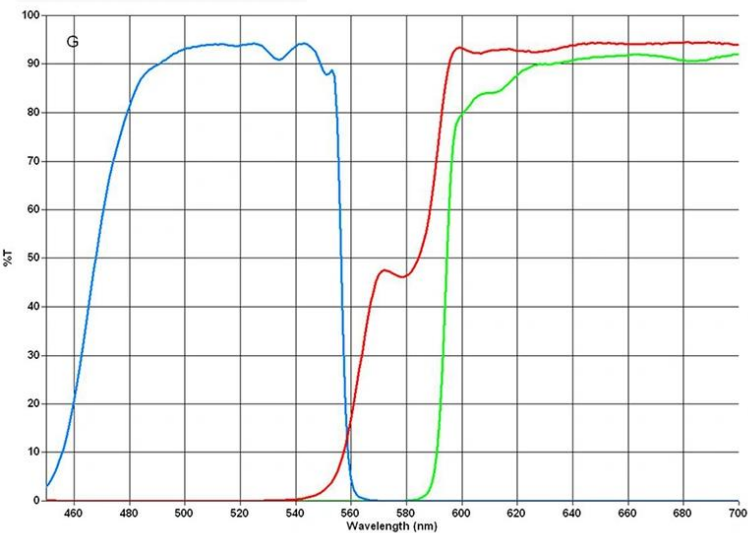
Items	MODEL- SLV-21iFL LED Fluorescent Microscope Specification	-FL2	-FLT2	-FL4	-FLT4
Head	Seidentopf Binocular Head Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm	●		●	
	Seidentopf Trinocular Head Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm, Light Split Fixed P20:E80		●		●
Eyepiece	WF10X/20mm (High Eyepoint)	●●	●●	●●	●●
Nosepiece	Quadruple, Backward	●	●	●	●
	Quintuple, Backward	○	○	○	○
Infinity E-Plan Objective	EPLAN 4x/0.10,W.D.=12.1mm	●	●	●	●
	EPLAN 10x/0.25,W.D.=4.14mm	●	●	●	●
	EPLAN 40x/0.65(S),W.D.=0.58mm	●	●	●	●
	EPLAN 100x/1.25(S, Oil),W.D.=0.19mm	●	●	●	●
Infinity Plan Semi-APO Fluorescent Objective	UplanFLN 4x, N.A.0.16, W.D.=17.151mm	○	○	○	○
	UplanFLN 10x, N.A.0.30, W.D.=7.68mm	○	○	○	○
	UplanFLN 20x, N.A.0.50, W.D.=1.96mm	○	○	○	○
	UplanFLN 40x, N.A.0.75, W.D.=0.78mm	○	○	○	○
	UplanFLN 100x(Oil), N.A.1.30, W.D.=0.15mm	○	○	○	○
Working Stage	Mechanical Stage Size: 145 mm×140mm, Travel: 76mmX52mm, Scale: 0.1mm, Double Slide Holder	●	●	●	●
	Rackless (Integrated) Stage, Size 140×135mm, Travel Range 75×35mm, Double Slide Holder	○	○	○	○
Focusing	Coaxial Coarse & Fine Focusing, Coarse Focusing Travel Range: 26mm, Fine Focusing Travel Range: 2μm/Division	●	●	●	●
Condenser	Abbe Condenser N.A.1.25, Iris Diaphragm, Rack & Pinion Up/Down	●	●	●	●
Illumination	3W-LED Illumination Systems Powered By Safety Low Voltage Charger, Input Wide Voltage 100V-240V, Output 5V1A, Support Power Bank Supply For Outdoor Use	●	●	●	●
	12V/20W Halogen Lamp	○	○	○	○
	6V/30W Halogen Lamp	○	○	○	○
Field Diaphragm	Upgrade To Kohler Illumination	○	○	○	○
Filter	Dia.45mm, Blue	○	○	○	○
	Dia.45mm, Green	○	○	○	○
	Dia.45mm, Yellow	○	○	○	○
Dark Field	Dark Field Condenser, Dry, N.A.0.83-0.91, For 4x10x40x Objective	○	○	○	○
Polarizing	Analyzer + Polarizer Set	○	○	○	○
Phase Contrast	Infinity Plan Phase Contrast Objective 10x + Phase Contrast Slide 10x + Phase Contrast Condenser + Telescope 11x + Green Filter	○	○	○	○
	Infinity Plan Phase Contrast Objective 20x + Phase Contrast Slide 20x + Phase Contrast Condenser + Telescope 11x + Green Filter	○	○	○	○
	Infinity Plan Phase Contrast Objective 40x + Phase Contrast Slide 40x + Phase Contrast Condenser + Telescope 11x + Green Filter	○	○	○	○

	Infinity Plan Phase Contrast Objective 100x + Phase Contrast Slide 100x + Phase Contrast Condenser + Telescope 11x + Green Filter	○	○	○	○
	Turret Phase Contrast Attachment Infinity Plan Phase Contrast Objective 10x20x40x100x, Turret Phase Contrast Condenser 5-Holes, Telescope 11x, Green Filter	○	○	○	○
Fluorescence	Upgrade From LABO-FL-C/CT Biological Microscope With: B,G Fluorescent Set 6 Holes Disc Fluorescent Unit 5W LED Lamp House 5W LED Power Box Ultraviolet Protection Barrier	●	●		
	Upgrade From LABO-FL- C/CT Biological Microscope With: B,G,U,UV Fluorescent Set 6 Holes Disc Fluorescent Unit 5W LED Lamp House 5W LED Power Box Ultraviolet Protection Barrier			●	●
Adapter	C-Mount 0.5x, Focus Adjustable	○	○	○	○
	C-Mount 0.75x, Focus Adjustable	○	○	○	○
	C-Mount 1.0x, Focus Adjustable	○	○	○	○
	Upgrade From A12.2601-C/CT Fluorescence Microscope With:	○	○	○	○
Mirror	Reflecting Mirror & Holder	○	○	○	○
Attachment	Wire Winding Device	○	○	○	○
Package	Carton Size 970x340x440mm, 1 pc / Ctn				
Weight	Gross Weight: 22 kgs, Net Weight: 18 kgs				

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

Fluorescent Filters





Fluorescent Filters	Exciter (nm)	Dichroic (nm)	Emitter (nm)
UV	330-380	400	435
V	380-420	430	460
B	420-490	505	520
G	500-550	575	590

Product Accessories



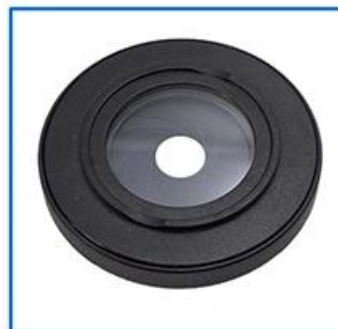
Phase Contrast Objective + Side + Condenser + Telescope + Green Filter



Turret Phase Contrast Attachment



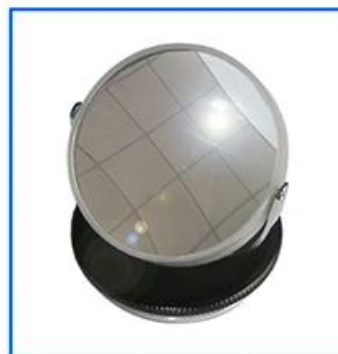
Analyzer + Polarizer Set



Field Diaphragm



**C-Mount 1.0x,
Focus Adjustable**



Reflecting Mirror & Holder



**C-Mount 0.75x,
Focus Adjustable**



Rackless (Integrated) Stage



Dark Field Condenser, Dry



**C-Mount 0.5x,
Focus Adjustable**



Infinity Plan Semi-APO Fluorescent Objective

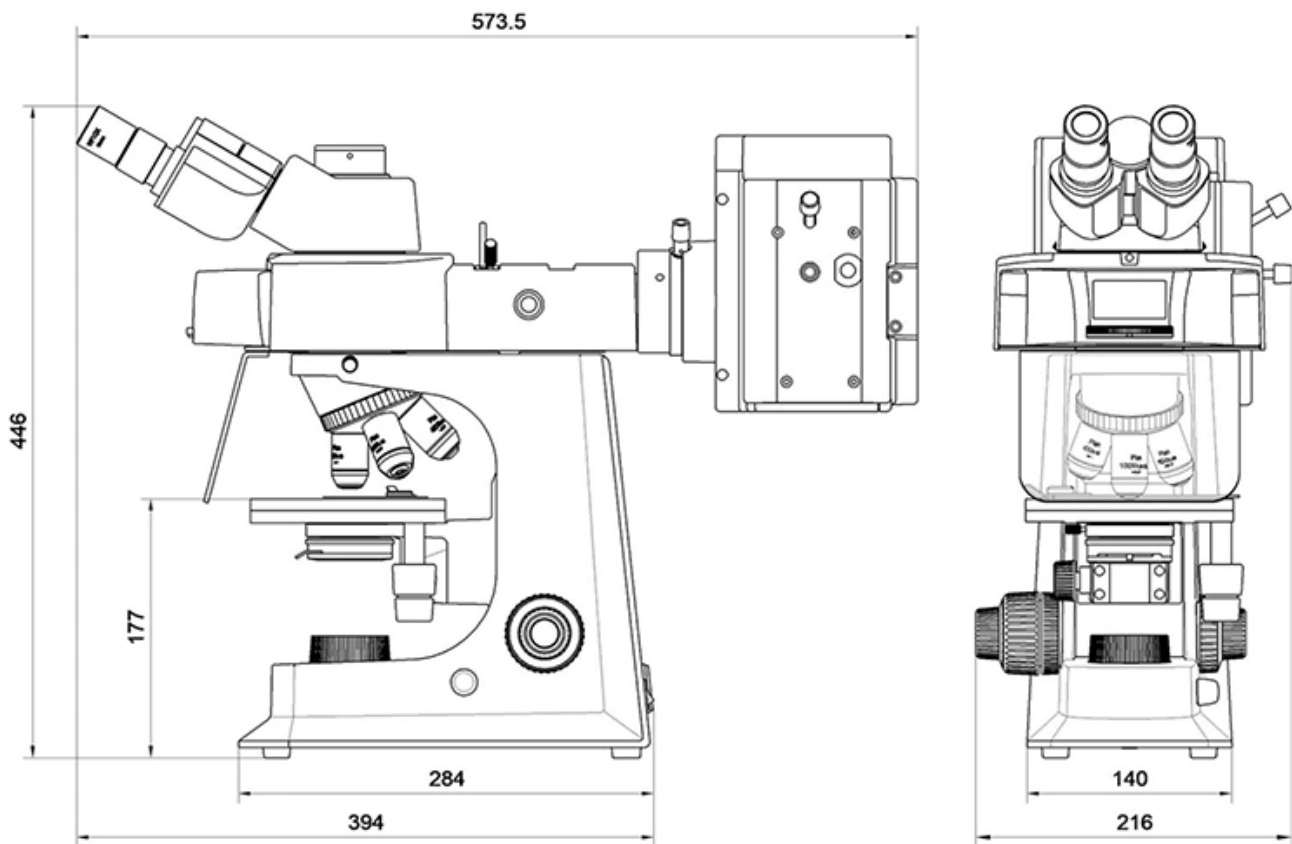


Filter : Blue, Green, Yellow



Digital Eyepiece Camera Adapter

Product Size(mm)





SLV-21iFL1/FL2

