

Binocular LED fluorescence microscope, 500x, IOS objectives, blue filterset

Transmitted Light Phase contrast (Positive type) As optional Darkfield As optional Simple polarized light As optional Observation Method- Incident Light Fluorescence Yes Main Body Type Upright Construction material Aluminum die-cast Trasportation handle Yes Head Type Binocular (Siedentopf) Inclination 30° 360° rotating Yes Interpupillary distance (mm) 48-75 Diopter adjustment On both tubes Fixing screw for eyepieces Yes Tube inner diameter (mm) 20 Magnification 10x Pointer As optional Micrometric scale As optional Direter cale As optional Micrometric scale As optional Micrometric scale As optional Diameter of micrometer glass (mm) 21 High eyepoint (for glass wearers) Yes Rubber cup Yes Dijectives Poitons Objectives Optical system	Observation Method - Transmitted Light	Brightfield	Yes
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ObjectivesOptical system∞Anti-fungus treatmentYesParfocal distance (mm)45Standard magnifications100x-500x		Rotation on ball bearings	Yes
Anti-fungus treatmentYesParfocal distance (mm)45Standard magnifications100x-500x		Objective thread	RMS
Anti-fungus treatmentYesParfocal distance (mm)45Standard magnifications100x-500x			
Parfocal distance (mm)45Standard magnifications100x-500x	Objectives	Optical system	∞
Standard magnifications 100x-500x			Yes
		Parfocal distance (mm)	45
Type		Standard magnifications	100x-500x
		Туре	IOS

		IOS N-PLAN
		10x/0.25, W.D. 5.8 mm
		IOS N-PLAN
		20x/0.40, W.D. 5.1 mm
		IOS N-PLAN
		40x/0.65, W.D. 0.43 mm
		IOS W-PLAN MET
		50x/0.75, W.D. 0.32 mm
		50,70.75, W.D. 0.52 mm
Chana	Ture	Devide lever
Stage	Type	Double layer
	Dimensions (mm)	150x140
	Moving mechanism	Rackless
	Moving range (mm)	75x33
	Material	Anti-scratch painting
	Specimen holder	Yes
	Slide number	1
	X-Y Vernier scale	Yes
	Vernier scale accuracy (mm)	0.1
		0.1
Condonson Cinals	Tuno	Abbe
Condenser - Single	Type	
Position	Removable	Yes
	Numerical aperture (N.A.)	1.25
	Magnification scale for simplified positioning	Yes
	Diaphragm	Iris
	Centrable	Yes
	Focusable	By rack and pinion
Focusing System	Туре	Coaxial coarse & fine
	Focus modes	Coarse & fine
	Coarse total travel (mm)	18
	Fine graduations	100
	Fine total travel (per single rotation) (mm)	0,4
	Fine resolution (μm)	4
	Upper stop to prevent contact	Yes
	Adjustable tension	Yes
Transmitted	Kohler illumination	Fixed
Illumination	Туре	X-LED
	X-LED type	X-LED3
	Light source power (W)	3.6
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	6
Power Supply for	Туре	External
Transmitted	Microscope connector	Jack, 2.1 mm
Illumination	Power plug type	Multi-plug (EU, UK, US)
	Input voltage	100/240 Vac, 50/60 Hz
	Output voltage	6 Vdc 2.5 A
Accessories Included	Dust cover	Yes
. lecessories included	Tension adjustment tool	Yes
	User Manual	
		Digital version (downloadable)
Additional Information		Mirror for transmitted light (as optional).
		External rechargeable battery pack (as optional).

Product Dimensions	Height (mm)	440
	Width (mm)	235
	Depth (mm)	340
Product Weight	(kg)	7.5
Fluorescence	Number of positions	3
Attachment	Blue filter set (included)	Excitation: 460 - 495 nm; Dichroic: 505 nm;
		Emission: 510LP nm
		Excitation: 18 mm diam.;
	Filter dimensions	Dichroic: 26.5 mm x 19 mm;
		Emission: 18 mm diam.
	Filter set selection	Manual
Fluorescence Light		Blue LED
Source	Light source power (W)	3.6
	LED wavelength	Blue LED: 465 nm
	Lifetime (hours)	> 65,000
	Brightness control	Yes