



*Trinocular phase contrast microscope,
1000x, IOS W-PLAN PH objectives*

Observation Method - Transmitted Light	Brightfield	Yes	
	Phase contrast (Positive type)	Yes	
	Darkfield	Yes	
	Simple polarized light	As optional	
Main Body	Type	Upright	
	Construction material	Aluminum die-cast	
	Trasportation handle	Yes	
Head	Type	Trinocular (Siedentopf)	
	Split ratio	50/50	
	Inclination	30°	
	360° rotating	Yes	
	Interpupillary distance (mm)	50-75	
	Dioptric adjustment	On left tube	
	Tube inner diameter (mm)	30	
Eyepieces	Field number (mm)	22	
	Magnification	10x	
	Planar type	Yes	
	Micrometric scale	As optional	
	Diameter of micrometer glass (mm)	26	
	High eyepoint (for glass wearers)	Yes	
	Rubber cup	Yes	
	Retractable protections	Yes	
Nosepiece	Positions	Quintuple	
	Reversed	Yes	
	Bi-directional	Yes	
	Rotation on ball bearings	Yes	
	Objective thread	RMS	
Objectives	Optical system	∞	
	Anti-fungus treatment	Yes	
	Parfocal distance (mm)	45	
	Standard magnifications	100x-1000x	
	Type	IOS W-PLAN PH	
	Objectives included	10x/0.25, W.D. 10 mm	
		20x/0.40, W.D. 5.1 mm	
40x/0.65, W.D. 0.54 mm			
	100x/1.25 (Oil), W.D. 0.13 mm		

Stage	Type	Double layer
	Dimensions (mm)	233x147
	Moving mechanism	Rackless
	Moving range (mm)	78x54
	Material	Anti-scratch painting
	Specimen holder	Yes
	Slide number	2
	Click-stop (45°)	No
	X-Y Vernier scale	Yes
Vernier scale accuracy (mm)	0.1	
Condenser - Multiple Position	Type	Abbe. Brightfield - Phase contrast - Darkfield (dry)
	Number of positions	5 (BF, 10x/20x, 40x, 100x, DF)
	Numerical aperture (N.A.)	1.25
	Removable	Yes
	Diaphragms	Iris
	Centrable	Yes
	Focusable	By rack and pinion
Focusing System	Type	Coaxial coarse & fine
	Coarse total travel (mm)	25
	Fine total travel (per single rotation) (mm)	0.2
	Fine graduations	100
	Fine resolution (µm)	2
	Maximum sample height (mm)	No
	Upper stop to prevent contact	Yes
	Adjustable tension	Yes
Flat knob for ergonomoy	Yes	
Transmitted Illumination	Kohler illumination	Full
	Type	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 Transmitted Illumination	Type	External
	Microscope connector	Jack, 2.1 mm
	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
	Immersion oil (10ml)	Yes
	Tension adjustment tool	Yes
	Allen wrench	Yes
	Centering telescope	Yes
	Green filter	Yes
	User Manual	Digital version (downloadable)
Additional Information		Heating stage (as optional). External rechargeable battery pack (as optional).
Product Dimensions	Height (mm)	420
	Width (mm)	270
	Depth (mm)	390
Product Weight	(kg)	9.4