



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

Main Body	Type	Upright
	Construction material	Aluminum die-cast
	with transportation handle	Yes
	Internal prism	Glass prism
	Optical system	Infinity
	Optics with anti-fungus treatment	Yes
Head (*) with limitations	Type	Trinocular
	Construction	Siedentopf
	Inclination	30°
	Rotation	360°
	Diopter adjustment	On left tube
	Diopter compensation	+5
	Interpupillary distance (mm)	50-75
	Split ratio	50/50
	Tube inner diameter (mm)	30
Eyepieces	Magnification	10x
	Field number (mm)	22
	High eyepoint (for glass wearers)	Yes
	Planar type	Yes
	Micrometric scale	Optional
	Diameter of micrometer glass (mm)	26
	Rubber cup	Yes
	Retractable protections	Yes
Nosepiece	Positions	Quintuple
	Reversed	Yes
	Bi-directional	Yes
	Rotation on ball bearings	Yes
	Objective thread	RMS
Objectives	Type	IOS W-PLAN F PH
	Correction	Plan Achromatic
	Parfocal distance (mm)	DIN 45
	Optical system	Infinity
	Standard magnifications	10x-20x-40x-100x
		M-1325
	M-1326	

		M-1327
		M-1328
Stage	Dimensions (mm)	220x149
	Mechanical stage	Rackless
	Material	Anti-scratch painting
	Specimen holder	Yes
	Slide number	2
	Moving range (mm)	78x54
	X-Y movement	Yes
	X-Y Vernier scale	Yes
	Vernier scale accuracy (mm)	0.1
	Type	Double layer
Right / Left hand	Right	
Condenser - Multiple Position	Type	Abbe. Brightfield - Phase Contrast - Darkfield (dry)
	Number of positions	5 (BF, 10x/20x, 40x, 100x, DF)
	Numerical aperture (N.A.)	0.9 / 1.25
	Aperture diaphragm	Iris
	Removable	Yes
	Centerable	Yes
Focusable	By rack and pinion	
Focusing System	Type	Coaxial coarse & fine
	Focus modes	Coarse & fine
	Coarse total travel (mm)	25
	Fine graduations	100
	Fine total travel (per single rotation) (mm)	0,2
	Fine resolution (μm)	2
	Upper stop to prevent contact	Yes
	Adjustable tension	Yes
Flat knob for ergonomy	Yes	
Observation Method - Transmitted Light	Brightfield	Yes
	Phase contrast (Positive type)	Yes
	Darkfield	Yes
	Simple polarized light	Optional
Transmitted Illumination	Type	X-LED
	X-LED type	X-LED3
	Light source power (W)	3.6
	Brightness control	Manual
	Kohler illumination	Full
	Color Temperature (K)	5,500
	Lifetime (hours)	> 65,000
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	5V 2.5A	
Accessories Included	Dust cover	Yes
	Immersion oil (10ml)	Yes
	Tension adjustment tool	Yes
	Allen wrench	Yes

	User Manual	Digital version (downloadable)
Product Dimensions (footprint)	Width (mm) (E)	250
	Depth (mm) (D)	395
Product Dimensions (overall footprint)	Height (mm) (C)	445
	Width (mm) (B)	250
	Depth (mm) (A)	510
Product Weight	(kg)	14.2