1102018



Trinocular brightfield microscope, 1000x, IOS W-PLAN objectives

Passe contrast (Positive type)	Observation Method - Transmitted Light	Brightfield	Yes
Darkfield As optional			As optional
Main Body Type		Darkfield	As optional
Construction material Trasportation handle Yes		Simple polarized light	As optional
Construction material Trasportation handle Yes			
Trasportation handle	Main Body	Туре	Upright
Type		Construction material	Aluminum die-cast
Split ratio 50/50 Inclination 30° 30° Totaling Yes Interpupillary distance (mm) 50-75 Dioptric adjustement 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 Retractable protections Yes Reversed Yes Bi-directional Yes Bi-directional Yes Rotation on ball bearings Yes Objectives Optical system		Trasportation handle	Yes
Split ratio 50/50 Inclination 30° 30° Totaling Yes Interpupillary distance (mm) 50-75 Dioptric adjustement 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 Retractable protections Yes Reversed Yes Bi-directional Yes Bi-directional Yes Rotation on ball bearings Yes Objectives Optical system			
Inclination 30° 30° 700 30° 700 30° 700 7	Head	Туре	Trinocular (Siedentopf)
		Split ratio	50/50
Interpupillary distance (mm) 50-75 Dioptric adjustement On left tube Tube inner diameter (mm) 30 Eyepleces		Inclination	30°
Dioptric adjustement		360° rotating	Yes
Tube inner diameter (mm) 30		Interpupillary distance (mm)	50-75
Field number (mm) 22 Magnification 10x Planar type Yes Micrometric scale As optional Diameter of micrometer glass (mm) 26 26 26 27 28 28 28 28 28 28 28		Dioptric adjustement	On left tube
Magnification		Tube inner diameter (mm)	30
Magnification			
Planar type Yes	Eyepieces	Field number (mm)	22
Micrometric scale		Magnification	10x
Diameter of micrometer glass (mm) 26		Planar type	Yes
High eyepoint (for glass wearers) Yes			
Rubber cup Yes			
Retractable protections Yes			
Positions		•	
Reversed Yes		Retractable protections	Yes
Reversed Yes			
Bi-directional Yes	Nosepiece		
Rotation on ball bearings Yes			
Objectives Optical system ∞ Anti-fungus treatment Yes Parfocal distance (mm) 45 Standard magnifications 40x-1000x Type IOS W-PLAN Objectives included 4x/0.10, W.D. 17.3 mm 10x/0.25, W.D. 10 mm 40x/0.65, W.D. 0.54 mm 10x/0.25 (Oil), W.D. 0.13 mm Stage Type Dimensions (mm) 233x147 Moving mechanism Rackless Moving range (mm) 78x54 Material Anti-scratch painting Specimen holder Specimen holder Side number 2 Click-stop (45°) No X-Y Vernier scale Yes			
Objectives Optical system ∞ Anti-fungus treatment Yes Parfocal distance (mm) 45 Standard magnifications 40x-1000x Type IOS W-PLAN Objectives included 4x/0.10, W.D. 17.3 mm 40x/0.65, W.D. 0.54 mm 100x/1.25 (Oil), W.D. 0.54 mm 40x/0.65, W.D. 0.54 mm 0.0x/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			
Anti-fungus treatment		Objective thread	RMS
Anti-fungus treatment Yes	Objection (free		
Parfocal distance (mm)	Objectives		
Standard magnifications			
Type		` '	
Objectives included		-	
10x/0.25, W.D. 10 mm			
A0x/0.65, W.D. 0.54 mm		Objectives included	
Type			
Type			
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			
Dimensions (mm) Moving mechanism Rackless Moving range (mm) Material Specimen holder Specimen holder Slide number Click-stop (45°) X-Y Vernier scale 233x147 Rackless Anti-scratch painting Yes No Yes			
Dimensions (mm) Moving mechanism Rackless Moving range (mm) 78x54 Material Anti-scratch painting Specimen holder Yes Slide number 2 Click-stop (45°) X-Y Vernier scale Packless Anti-scratch painting Yes Ves	Stage	Туре	Double layer
Moving mechanism Moving range (mm) 78x54 Material Anti-scratch painting Specimen holder Yes Slide number 2 Click-stop (45°) X-Y Vernier scale Rackless Note Note Note Note Note Note Note Note			
Material Anti-scratch painting Specimen holder Yes Slide number 2 Click-stop (45°) No X-Y Vernier scale Yes			Rackless
Material Anti-scratch painting Specimen holder Yes Slide number 2 Click-stop (45°) No X-Y Vernier scale Yes			78x54
Specimen holder Slide number Click-stop (45°) X-Y Vernier scale Yes No Yes			
Slide number 2 Click-stop (45°) No X-Y Vernier scale Yes		Specimen holder	
X-Y Vernier scale Yes			2
X-Y Vernier scale Yes		Click-stop (45°)	No
			Yes
Vernier scale accuracy (mm) 0.1		Vernier scale accuracy (mm)	0.1

0 1 0: 1		
Condenser - Single Position	Туре	Swing-out
	Removable	Yes
	Numerical aperture (N.A.)	0.2 / 0.9
	Numerical aperture scale	Yes
	Diaphragms	Iris
	Centrable	Yes
	Focusable	By rack and pinion
Focusing System	Туре	Coaxial coarse & fine
	Coarse total travel (mm)	25
	Fine total travel (per single rotation) (mm)	0.2
	Fine graduations	100
	Fine resolution (µm)	2
	Upper stop to prevent contact	Yes
	Adjustable tension	Yes
	Flat knob for ergonomy	Yes
Transmitted	Kohler illumination	Full
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
	C aip at 10 lags	0 7 00 2.0 7 .
Accessories Included	Dust cover	Yes
	Immersion oil (10ml)	Yes
	Tension adjustment tool	Yes
	Allen wrench	Yes
	User Manual	Digital version (downloadable)
	Cool Wallaal	Digital voloion (downloadable)
Additional Information		Heating stage (as optional).
/ taditional information		External rechargeable battery pack (as optional).
Product Dimensions	Height (mm)	420
	Width (mm)	270
	Depth (mm)	390
	/	
Product Weight	(kg)	9.1
	· •/	



Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.