1 1 2019



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

Observation Method -	Brightfield	Yes
Transmitted Light	Phase contrast (Positive type)	Yes
	Darkfield	Yes
	Simple polarized light	As optional
Main Body	Туре	Upright
	Construction material	Aluminum die-cast
	Trasportation handle	Yes
Head	Туре	Trinocular (Siedentopf)
	Split ratio	50/50
	Inclination	30°
	360° rotating	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
Nosepiece	Positions	Quintuple
	Reversed	Yes
	Bi-directional	Yes
	Rotation on ball bearings	Yes
	Objective thread	RMS
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Objectives	Optical system	∞
	Anti-fungus treatment	Yes
	Parfocal distance (mm)	45
	Standard magnifications	100x-1000x
	Туре	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

Type			
Moving mechanism Rackless Moving range (mm) 78.64 Moterial Anti-scratch painting Specimen holder Yes Side number 2 Click-stop (45°) No	Stage		·
Mounting range (mm)			233x147
Material Anti-scratch painting Yes Specimen holder Yes Side number 2 2 2 2 2 3 3 3 3 3			
Specimen holder Yes		Moving range (mm)	78x54
Silde number		Material	Anti-scratch painting
Cick-stop (45°)		Specimen holder	Yes
X-Y Vernier scale Yes		Slide number	2
Vernier scale accuracy (mm) 0.1		Click-stop (45°)	No
Type		X-Y Vernier scale	Yes
Type		Vernier scale accuracy (mm)	0.1
Type			
Number of positions S (BF, 10x20x, 40x, 100x, DF)	-	Type	
Numerical aperture (N.A.) 1.25	Position		
Removable Diaphragms Iris		-	, , ,
Diaphragms			
Centrable			
Focusing System			
Type			
Coarse total travel (mm) 25		Focusable	By rack and pinion
Coarse total travel (mm) 25		1_	
Fine total travel (per single rotation) (mm)	Focusing System	**	
Fine graduations 100 Fine resolution (µm) 2 Maximum sample height (mm) No Upper stop to prevent contact Yes Adjustable tension Yes Flat knob for ergonomy Yes Flat		` '	
Fine resolution (µm)			
Maximum sample height (mm) No			
Upper stop to prevent contact Yes			
Adjustable tension		Maximum sample height (mm)	No
Flat knob for ergonomy Flat knob for ergonomy Kohler illumination Type X-LED X-LED type X-LED3 Light source power (W) 3.6 Brightness control Lifetime (hours) Temperature (K) Max. required power (W) 6 Power Supply for Transmitted Illumination Type External Transmitted Illumination Power plug type Microscope connector Illumination Power plug type Input voltage Output voltage Tension adjustment tool Alen wrench Alen wrench Centering telescope Green filter User Manual Froduct Dimensions Height (mm) Width (mm) Depth (mm) Full X-LED X		Upper stop to prevent contact	Yes
Transmitted Kohler illumination Full Type X-LED X-		Adjustable tension	Yes
Type		Flat knob for ergonomy	Yes
Type			
X-LED type		Kohler illumination	
Light source power (W) 3.6	Illumination	Туре	X-LED
Brightness control Lifetime (hours) Temperature (K) Amax. required power (W) Power Supply for Transmitted Illumination Type Type Type Accessories Included Dust cover Immersion oil (10ml) Tension adjustment tool Allen wrench Centering telescope Green filter User Manual Additional Information Brightness control Manual External External Microscope connector Jack, 2.1 mm Multi-plug (EU, UK, US) Input voltage Advc 2.5 A Multi-plug (EU, UK, US) Input voltage Avc 2.5 A Yes Immersion oil (10ml) Yes Allen wrench Centering telescope Yes Green filter User Manual Digital version (downloadable) Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Product Dimensions Height (mm) Width (mm) Depth (mm) 390		X-LED type	X-LED3
Lifetime (hours) > 65,000 Temperature (K) 6,300 Max. required power (W) 6 Power Supply for Type			<u> </u>
Temperature (K) Max. required power (W) Power Supply for Transmitted Illumination Type Microscope connector Power plug type Input voltage Output voltage Accessories Included Dust cover Immersion oil (10ml) Tension adjustment tool Allen wrench Centering telescope Green filter User Manual Additional Information Temperature (K) Max. required power (W) External Auck, 2.1 mm Multi-plug (EU, UK, US) Input voltage 6 Vdc 2.5 A Pes Immersion oil (10ml) Yes Immersion oil (10ml) Yes Centering telescope Green filter User Manual Digital version (downloadable) Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). External rechargeable battery pack (as optional). Depth (mm) Depth (mm) 390		Brightness control	Manual
Max. required power (W) 6		Lifetime (hours)	> 65,000
Power Supply for Transmitted 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 Height (mm) Width (mm) Depth (mm) Depth (mm) External External External External Hexternal Hexternal External Hexternal External Hexternal Hexternal External Additional Information Additional Depth (mm) Jago Jack, 2.1 mm Multi-plug (EU, UK, US) Multi-plug (EU, UK, US) Multi-plug (EU, UK, US) Multi-plug (EU, UK, US) Hexternal Fest (EV, US) Hexternal Fest (As optional) External Fest (As optional) Fest (As optional) External Fest (As optional) External Fest (As optional) Fest (As optional) External Fest (As optional) Fest (As op		Temperature (K)	6,300
Transmitted Illumination Microscope connector Power plug type Input voltage Output voltage Output voltage Accessories Included Dust cover Immersion oil (10ml) Tension adjustment tool Allen wrench Centering telescope Green filter User Manual Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Product Dimensions Height (mm) Width (mm) Depth (mm) Additional Information Multi-plug (EU, UK, US) Multi-plug (EU, UK) Mu		Max. required power (W)	6
Transmitted Illumination Microscope connector Power plug type Input voltage Output voltage Output voltage Accessories Included Dust cover Immersion oil (10ml) Tension adjustment tool Allen wrench Centering telescope Green filter User Manual Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Product Dimensions Height (mm) Width (mm) Depth (mm) Additional Information Multi-plug (EU, UK, US) Multi-plug (EU, UK) Mu			
Illumination			External
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		Microscope connector	·
Output voltage 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	Illumination	Power plug type	
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). External rechargeable battery pack (as optional). Output Dimensions Height (mm) 420 Width (mm) 270 Depth (mm) 390		Input voltage	100/240 Vac, 50/60 Hz
Immersion oil (10ml) Yes Tension adjustment tool Allen wrench Centering telescope Green filter User Manual Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Product Dimensions Height (mm) Width (mm) Depth (mm) 390		Output voltage	6 Vdc 2.5 A
Immersion oil (10ml) Yes Tension adjustment tool Allen wrench Centering telescope Green filter User Manual Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Product Dimensions Height (mm) Width (mm) Depth (mm) 390			
Tension adjustment tool Allen wrench Yes Centering telescope Green filter User Manual Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Product Dimensions Height (mm) Width (mm) Depth (mm) 390	Accessories Included	Dust cover	Yes
Allen wrench Centering telescope Green filter User Manual Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Product Dimensions Height (mm) Width (mm) Depth (mm) 390		Immersion oil (10ml)	Yes
Centering telescope Green filter User Manual Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Product Dimensions Height (mm) Width (mm) Depth (mm) 390		Tension adjustment tool	Yes
Green filter User Manual Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Product Dimensions Height (mm) Width (mm) Depth (mm) 390		Allen wrench	Yes
Digital version (downloadable) Additional Information		Centering telescope	Yes
Additional Information Heating stage (as optional). External rechargeable battery pack (as optional). Width (mm) Depth (mm) 390		Green filter	Yes
Product Dimensions Height (mm) Width (mm) Depth (mm) External rechargeable battery pack (as optional). 420 270 390		User Manual	Digital version (downloadable)
Product Dimensions Height (mm) Width (mm) Depth (mm) External rechargeable battery pack (as optional). 420 270 390			
Product Dimensions Height (mm) 420 Width (mm) 270 Depth (mm) 390	Additional Information		
Width (mm) 270 Depth (mm) 390			External rechargeable battery pack (as optional).
Width (mm) 270 Depth (mm) 390			1400
Depth (mm) 390	Product Dimensions		
		,	
Product Weight (kg) 9.4		Depth (mm)	390
Product Weight (kg) 9.4	_	I	
	Product Weight	(kg)	9.4