





Trinocular darkfield microscope, 1000x, IOS W-PLAN objectives, for live blood analysis

Phase contrast (Positive type)	Observation Method -	Prightfield	Yes
Darkfield Yes Simple polarized light As optional		Brightfield	
Simple polarized light	i ransmitted Light		
Main Body			
Construction material Trasportation handle Yes		Simple polarized light	As optional
Construction material Trasportation handle Yes	Main Dada	-	11
Trasportation handle	Main Body		
Type			
Split ratio		Trasportation handle	Yes
Split ratio	Hood	Type	Trinocular (Siedentonf)
Inclination 30° 360° rotating Yes Interpupillary distance (mm) 50.75 Dioptic 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 Reversed Yes Bi-directional Yes Reversed Yes Bi-directional Yes Rotation on ball bearings Yes Dipectives Optical system 45 Standard magnifications 40x-1000x Type Objectives included 4w0.10, w.D. 17.3 mm 10x0.25, w.D. 10.54 mm 10x0.25, w.D. 0.54 mm 10x0.25, w.D. 0	ricuu		
360° rotating			
Interpupillary distance (mm) 50.75 Dioptric adjustement On left tube Tube inner diameter (mm) 30 Eyepieces		5 NO. 01000 00 00 00 00 00 00 00 00 00 00 00	
Dioptric adjustement Tube inner diameter (mm) 30			
Tube inner diameter (mm) 30			
Field number (mm) 22			
Magnification		Tube inner diameter (mm)	30
Magnification	Evenieces	Field number (mm)	22
Planar type	Eyepieces		
Micrometric scale			197931100
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 Rotation on ball bearings Yes Objectives Optical system ∞ Anti-fungus treatment Yes Parfocal distance (mm) 45 Standard magnifications 40x-1000x Type Objectives included 4x/0.10, W.D. 17.3 mm 10x/0.25, W.D. 10 mm 40x/0.05, W.D. 0.54 mm 100x/0.36-1.25 with iris (Oil), W.D. 0.18 mm Noving range (mm) 78x54 Material Anti-scratch painting Side number Yes Side number 2 X-Y Vernier scale Yes Side number 2 X-Y Vernier scale Yes Side number Yes Side number 2 X-Y Vernier scale Yes Side number 2 X-Y Vernier scale Yes Side number Yes Side number 2 X-Y Vernier scale Yes Side number Yes			No. 1995
High eyepoint (for glass wearers)			·
Rubber cup Yes			
Retractable protections Yes			
Positions		800000000000000 10000 •	
Reversed Yes		Retractable protections	Tes
Reversed Yes	Nosepiece	Positions	Quintuple
Bi-directional Yes Rotation on ball bearings Yes Objective thread RMS		(a) (a) (b) (b) (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	
Rotation on ball bearings			
Objectives Objectives Optical system Anti-fungus treatment Parfocal distance (mm) Standard magnifications Type Objectives included Objectives included Type Objectives included Type Objectives included Objectives included Type Objectives included Objecti			
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/0.25, W.D. 10 mm 40x/0.25, W.D. 0.54 mm 100x/0.36-1.25 with iris (Oil), W.D. 0.18 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 X-Y Vernier scale Yes		-	
Anti-fungus treatment Yes		,	
Parfocal distance (mm)	Objectives	Optical system	∞
Parfocal distance (mm)		Anti-fungus treatment	Yes
Standard magnifications			45
Type			40x-1000x
Objectives included			IOS W-PLAN
10x/0.25, W.D. 10 mm			
40x/0.65, W.D. 0.54 mm 100x/0.36-1.25 with iris (Oil), W.D. 0.18 mm			
Type			
W.D. 0.18 mm			
Dimensions (mm) 233x147 Moving mechanism Rackless Moving range (mm) 78x54 Material Anti-scratch painting Specimen holder Yes Slide number 2 X-Y Vernier scale Yes			
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Moving mechanism Rackless Moving range (mm) 78x54 Material Anti-scratch painting Specimen holder Yes Slide number 2 X-Y Vernier scale Yes	Stage		
Moving range (mm) Material Specimen holder Slide number X-Y Vernier scale 78x54 Anti-scratch painting Yes 2 X-Y Versier scale Yes		Dimensions (mm)	233x147
Material Anti-scratch painting Specimen holder Yes Slide number 2 X-Y Vernier scale Yes		Moving mechanism	Michigan Control (Control Control Cont
Specimen holder Yes Slide number 2 X-Y Vernier scale Yes		Moving range (mm)	78x54
Slide number 2 X-Y Vernier scale Yes		Material	Anti-scratch painting
X-Y Vernier scale Yes		Specimen holder	Yes
		Slide number	2
Vernier scale accuracy (mm) 0.1		X-Y Vernier scale	Yes
		Vernier scale accuracy (mm)	0.1

Condenser - Single	Туре	Swing-out
Position	Removable	Yes
Position	Numerical aperture (N.A.)	0.2 / 0.9
	Numerical aperture (N.A.)	Yes
	Diaphragms	Iris
	Centrable	Yes
	Focusable	
	rocusable	By rack and pinion
Condenser - Immersion	Type	Darkfield (oil) with built-in X-LED
Darkfield	Removable	Yes
	Numerical aperture (N.A.)	1.36
	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
	ride knob for organismy	100
Transmitted	Kohler illumination	Full
Illumination	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	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
	Immersion oil (10ml)	Yes
	Tension adjustment tool	Yes
	Allen wrench	Yes
	Centering telescope	Yes
	Green filter	No
	User Manual	Digital version (downloadable)
Additional Information		Heating stage (as optional). External rechargeable battery pack (as optional).
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Product Dimensions	Height (mm)	420
	Width (mm)	270
	Depth (mm)	390
	[4.5]	
Product Weight	(kg)	9.2

