



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

Observation Method - Transmitted Light	Brightfield	Yes
	Phase contrast (Positive type)	As optional
	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
	Dioptic 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	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		
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
	Vernier scale accuracy (mm)	0.1

Condenser - Single Position	Type	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
Condenser - Immersion Darkfield	Type	Darkfield (oil) with built-in X-LED
	Removable	Yes
	Numerical aperture (N.A.)	1.36
	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
	Upper stop to prevent contact	Yes
	Adjustable tension	Yes
	Flat knob for ergonomy	Yes
	Transmitted Illumination	Kohler 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 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
Immersion oil (10ml)		Yes
Tension adjustment tool		Yes
Allen wrench		Yes
Centering telescope		Yes
Green filter		No
User Manual		Digital version (downloadable)
Additional Information		
Product Dimensions	Height (mm)	420
	Width (mm)	270
	Depth (mm)	390
Product Weight	(kg)	9.2