



Trinocular discussion microscope, 2-head, 1000x, IOS W-PLAN objectives

		2-nead, 1000x, 103 W-1 LAW Objectives
Observation Method -	Brightfield	Yes
Transmitted Light	Phase contrast (Positive type)	As optional
	Darkfield	As optional
	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
Necesians	Positions	Ovintuals
Nosepiece		Quintuple Yes
	Reversed Bi-directional	Yes
		Yes
	Rotation on ball bearings	RMS
	Objective thread	KIVIS
Objectives	Optical system	∞
	Anti-fungus treatment	Yes
	Parfocal distance (mm)	45
	Standard magnifications	40x-1000x
	Туре	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/1.25 (Oil),
		W.D. 0.13 mm
Stage	Туре	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

## **OPTIKA MICROSCOPES ITALY**

Condenser - Single	Turno	Curing out
Position	Type Removable	Swing-out
i Osition		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
Accessories Included	Dust cover	Yes
	Immersion oil (10ml)	Yes
	Tension adjustment tool	Yes
	Allen wrench	Yes
	User Manual	Digital version (downloadable)
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Additional Information	User Manual	Heating stage (as optional).
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Additional Information Product Dimensions	Height (mm)	Heating stage (as optional).  External rechargeable battery pack (as optional).
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